

State of Iowa
1930

Annual Report of the

State Board of Engineering
Examiners

For the Year Ending December 31, 1930



LETTER OF TRANSMITTAL

Des Moines, Iowa, January 1, 1931.

TO HIS EXCELLENCY, HON. JOHN HAMMILL,
Governor of Iowa,
Des Moines, Iowa.

Dear Sir:

I have the honor to transmit herewith the annual report of the State Board of Engineering Examiners, in accordance with Chapter Eighty-nine (89) of the Code of 1927.

Very respectfully,
(Signed) GEO. J. KELLER, *Chairman*.
Iowa State Board of Engineering Examiners.



STATE BOARD OF EXAMINERS FOR PROFESSIONAL
ENGINEERS AND LAND SURVEYORS

GEORGE J. KELLER, Iowa City, Iowa.....Chairman for 1931
Electrical and Mechanical Engineering.
Commission expires July 1, 1933.

W. P. NEMMERS, Des Moines, Iowa.....Vice-Chairman for 1931
Structural Engineering.
Commission expires July 1, 1933.

J. S. DODDS, Ames, Iowa.
Drainage and Land Surveying.
Commission expires July 1, 1931.

L. M. MARTIN, Council Bluffs, Iowa.
Highway and Railway Engineering.
Commission expires July 1, 1931.

CLARE H. CURRIE, Webster City, Iowa.
Municipal and Sanitary Engineering.
Commission expires July 1, 1931.

W. C. MERCKENS, Des Moines, Iowa.....Secretary

CLAIRE FRIBERGChief Clerk

REPORT OF BOARD OF ENGINEERING EXAMINERS

The Iowa State Board of Engineering Examiners was created by an Act of the Thirty-eighth General Assembly, under authority of Chapter 392, effective July 4, 1919.

The first meeting of the Board was held July 14, 1919, at Des Moines, Iowa, and the following appointments were made:

Mr. Seth Dean, Glenwood, four years.

Mrs. K. C. Kastberg, Des Moines, four years.

Mr. L. M. Martin, Atlantic, four years.

Mr. F. W. Stubbs, Oelwein, two years.

Mr. Alvin LeVan, Ft. Dodge, two years.

From July 4, 1919, to December 31, 1919, the Board of Engineering Examiners registered all applicants without examination who were in practice at the time the law went into effect. There were 1,062 registered during this period.

During the past five years, approximately 325 filed applications for examination, of which 292 appeared to take the examination, about 85 of this number failing to pass the examination satisfactorily.

New rules and regulations have been adopted by the Board of Engineering Examiners from time to time, in an effort to raise the standards of the engineering profession in Iowa. The object of registration is not only to enhance the status of the engineers, but to make his services to the public increasingly more satisfactory.

RECIPROCAL REGISTRATION

Laws of the various states provide for reciprocal registration among the states. The carrying out of these provisions has made it necessary for the several state boards to come to an agreement as to qualifications and conditions for the mutual operation of the several state laws. As a result of conference between representatives of the several state boards a National Council of State Boards of Engineering Examiners has been formed, and an agreement entered into whereby reciprocal registration can become operative among the states, based on qualifications that will meet all state laws. In most cases this agreement sets a standard higher than the individual state law.

Each state continues to issue its state registration; in addition, where requested, and complying with the requirements, reciprocal certificate is issued. The card issued by the Council and signed and sealed by the state board when application is made, is retained by the applicant, and with it a letter or certification is issued to the state where reciprocal registration is desired, to be retained in the files of such state as evidence of the issuance of such registration. This must be accompanied by the regular application with such data as may be required together with the fee required in the state where applicant desires reciprocal registration.

STATES WITH MEMBERSHIP IN THE NATIONAL COUNCIL

Arizona	Iowa	Oregon
Arkansas	Louisiana	South Carolina
California	Michigan	South Dakota
Colorado	Minnesota	Tennessee
Florida	Mississippi	Virginia
Idaho	*New Jersey	West Virginia
Indiana	*New York	Wyoming
	North Carolina	

* New York and New Jersey are members of the National Council, but do not enter into the reciprocal relations, under present plan.

The following states and provinces of Canada have registration laws for engineers but do not have reciprocal arrangements with the National Council.

New Jersey	Alberta
Pennsylvania	British Columbia
Hawaii	Manitoba
Illinois (Structural Engineers)	New Brunswick
New Mexico (Surveyors)	Nova Scotia
Philippines	Ontario
Porto Rico	Quebec
Texas (Surveyors)	

NATIONAL COUNCIL OF STATE BOARDS OF ENGINEERING EXAMINERS REVISED ARTICLES OF AGREEMENT RELATING TO RECIPROCAL REGISTRATION OF ENGINEERS.

Article 1. Reciprocal registration as provided for in these Articles of Agreement shall be granted only to an applicant who is already registered in some state which is a member of this Council. A detailed professional record, properly attested, and accompanied by references as to character and qualifications from three registered practicing engineers shall be filed with the applicant's board of examiners. Qualifications for reciprocal registration shall be determined upon the basis of such professional record, thorough consideration of which shall constitute examination.

Article 2. Engineering experience gained by the applicant prior to his reaching the age of eighteen years shall not be counted as a part of his professional experience.

Article 3. Professional experience shall be considered as beginning when the candidate has entered upon a position in professional engineering work which requires original thought and responsibility. For example:

6 REPORT OF BOARD OF ENGINEERING EXAMINERS

(a) In the field experience shall begin to count when the applicant reaches a position of responsibility equivalent to that of actual transitman.

(b) In the shop or laboratory experience shall begin to count only after apprenticeship, foremanship, inspectorship or other subordinate positions unless the work done specifically shows that the applicant possesses originality of design and has had responsibility in his subordinate positions.

(c) In the office of drafting room experience shall begin to count when the applicant ceases to do merely tracing lettering, or purely mechanical work, requiring for its performance merely manual dexterity and enters a position of responsibility where he begins actual design.

(d) Experience in the teaching of engineering shall begin to count when the applicant is a full time instructor in engineering in an engineering school of recognized standing, and each year of teaching shall be considered equivalent to one year of practice.

Article 4. The applicant shall have had ten years of experience in professional engineering, and in addition shall show that he is qualified to design as well as to direct engineering operations, as evidence of qualifications for reciprocal registration, and his experience record shall show progressive advancement in the character of the work performed.

Each case shall be considered on its merits, and the experience record must be given in such complete detail that the Board of Examiners can determine the character of work performed by the applicant.

Article 5. Graduation from an engineering school of recognized standing shall be accepted as the equivalent of four years of such practice.

An engineering school of recognized standing shall be one which requires the equivalent of a high school or preparatory school diploma as an entrance requirement and demands the equivalent of a four years' course in engineering for graduation.

Article 6. Making reciprocal registration operative between the states shall be done by means of certification from one state to another of the applicant's qualifications. This certification shall be by means of a card or form bearing the date, serial number, and the signatures of the officers and the seal of the board of the state issuing same. This card is to be printed and distributed by the National Council of State Boards of Engineering Examiners.

Article 7. Whenever an applicant applies to his own state board for reciprocal registration, if his qualifications fully comply with the standard herein provided, he shall be granted the same. No state shall issue a reciprocal card to a registrant of another state which has an engineering registration law.

Article 8. The aforesaid reciprocal registration certificate shall be prima facie evidence of qualification for registration in any state that is a member of this Council and that has subscribed to these Articles of Agreement. When such reciprocal registration certificate is presented, together with the legal fee required, and such information (other than evidence of qualification) as may be requested for the records of the board to which the application is made, such board shall issue a registration certificate to the applicant.

Article 9. Any reciprocal certificate may be revoked by the state issuing same upon presentation to its Board of Examiners of good and sufficient evidence of the incompetency or proof that the applicant's character warrants such revocation.

Article 10. Should any questions or disagreements in the interpretation of these articles arise, such questions shall be referred to the Council for action at its next regular meeting, or if more expeditious action shall be necessary, they may be acted upon by the Council by letter ballot.

If action is taken by letter ballot, such action shall be conducted through the office of the Secretary of the Council in the customary manner; and the votes shall be counted not later than sixty days after forwarding from his office, by registered mail, of questions at issue. The Secretary of the Council shall thereupon immediately certify to the various member boards the roll call and results of the vote, and the determination of the questions at issue; and consequent actions shall be in accordance with the majority of the votes recorded.

RULES AND REGULATIONS

RECIPROCITY

Reciprocal certificates will only be granted if an examination therefor has been held by the State Board granting such certificate.

State Boards of Engineering Examiners with which we have reciprocal relations will be given a list of registrants whose certificates have been revoked, together with the reason for such action.

This Board will issue, upon application and receipt of the fee, as provided by law, our own registration certificate to any person from any of the states with which we have reciprocal agreements, presenting satisfactory evidence that he is registered in good standing with, and recommended by the Board of the State in which applicant is first registered.

To persons registered in other states than those approved and making application, our registration certificate will be denied except as they satisfy the Iowa Board by examination or other evidence acceptable in the judgment of the board that they are competent professional engineers and (or) Land Surveyors in conformity with Sections 1855 and 1866 of the Iowa law.

Examinations conducted for the purpose of granting reciprocity will be in one of the general branches such as Civil, Mechanical, or Electrical, rather than in special branches such as Highway, Drainage, Heating and Ventilating, et cetera.

Applicants for reciprocal registration who were registered under the "Grandfather Clause" without examination must appear before the Board of Examiners for examination before reciprocal registration can be granted.

PRACTICE OF ENGINEERING PENDING EXAMINATION

Any person, or persons, desiring to practice engineering will be required to make formal application to the Iowa State Board of Engineering Examiners for registration before beginning such work in the state of Iowa. They shall be allowed to practice not more than 90 days before securing said registration, and the Board of Engineering Examiners shall arrange to hold called meetings of said board for examination of applicants at such periods as will enable the applicants to secure said examinations within the time limit above mentioned.

RULES RELATING TO EXAMINATIONS

Before notifying any applicant to appear for examination, a digest of his training and experience shall be submitted to the members of the board for approval, and no one will be admitted for examination until he has had the full amount of training and experience required by law.

A certified abstract of the educational record shall be filed with each application for registration.

At each examination, one day shall be devoted to questions on fundamentals in all branches of engineering, and one day shall be devoted to examination on professional questions.

At the time of examination, each candidate shall be given similar sets of ten questions each for fundamentals and the several branches of engineering.

The final rating of an applicant shall be determined by the following:

Personality, having to do also with character and executive ability; ten per cent of total rating.

Experience, (Nature and extent) fifteen per cent of total rating.

Examination in fundamentals, consisting of ten questions in writing, thirty-five per cent of total rating.

Examination on principles of good practice, consisting of a certain number of questions in writing, depending upon the branch of engineering taken; forty per cent of total rating.

A grade of seventy (70%) per cent shall be considered a passing grade. Examinations given subsequent to one or more in which an applicant may

have failed, shall be complete in themselves, and no former examinations or any parts thereof shall have any consideration whatsoever.

All applicants shall be notified of two consecutive Engineering Board meetings after their application is filed with this office.

The examinations are usually held in the Senate Chamber in the State House at Des Moines, Iowa.

An extra charge of \$2.00 shall be made for issuing duplicate certificates to any registered engineer.

FINANCIAL STATEMENT

FOR THE YEAR ENDING DECEMBER 31, 1930

Balance on hand December 31, 1929.....	\$ 18,508.86
Registration Fees Received	1,315.00
Reinstatement Fees	60.00
Duplicate Certificates	4.00
Renewal Fees for 1930.....	16.00
Renewal Fees for 1931.....	2,352.00
	\$ 22,255.86

DISBURSEMENTS

Traveling and incidental expense of board members and secretary \$	1,361.51
Fees of Board Members	960.00
Supplies	652.39
Clerk Hire	640.00
	\$ 3,613.90
Balance December 31, 1930	\$ 18,641.96

PROFESSIONAL ENGINEERING BRANCHES

Aeronautical	Hydraulic
Agricultural	Landscape
Architectural	Mechanical
Ceramic	Mining
Chemical	Municipal and Sanitary
Civil	Railroad
Drainage	Structural
Electrical	Land Surveying
Highway	

FOR THE YEAR ENDING DECEMBER 31, 1930

RECIPROCITY

Certificates for Reciprocal Registration have been granted to the following:
(x Deceased. * Revoked)

Cit. No.	Name	Reg. No.	Date
2701	xSeth Dean	1	October 15, 1923
2702	K. C. Kaeborg	3	October 15, 1923
2703	F. W. Stubbs	4	October 15, 1923
2704	*Alvin LeVan	2	October 15, 1923
2705	L. M. Martin	5	October 15, 1923
2706	B. P. Fleming	940	October 15, 1923
2707	*C. S. Nichols	781	October 15, 1923
2708	A. W. Bedell	1118	December 28, 1923
2709	Lafayette Higgins, Sr.	17	January 29, 1924
2710	K. C. Gaynor	21	January 29, 1924
2711	John C. Tunnick	140	January 29, 1924
2712	Hugh A. Crumley	219	January 29, 1924
2713	Chester C. Woodburn	449	January 29, 1924
2714	Clyde V. Downing	631	January 29, 1924
2715	*Edward K. Mather	950	January 29, 1924
2716	William P. Nemmers	1000	January 29, 1924
2717	Lawrence W. Cox	45	April 21, 1924
2718	W. H. Miner	53	April 21, 1924
2719	H. W. Hartup	278	December 2, 1924
2720	(Cancelled)		
2721	Amos Marston	15	January 25, 1925
2722	Lafayette Higgins, Jr.	1116	April 24, 1925
2723	Ralph H. Greenwood	1058	May 4, 1925
2724	*Carl B. Moe	1238	May 4, 1925
2725	Lynn T. Andrus	1063	May 4, 1925
2726	E. E. Schenk	1128	May 4, 1925
2727	David N. Crosthwait, Jr.	570	May 4, 1925
2728	J. C. Watkins	71	September 21, 1925
2729	C. J. Steigleder	1163	September 21, 1925
2730	(Cancelled)		
2731	Leslie B. Taylor	1211	March 11, 1926
2732	Robert D. Cochran	1249	March 23, 1926
2733	George E. Oliver	148	March 23, 1926
2734	Clare H. Currie	6	April 22, 1926
2735	Clark E. Jacoby	963	September 21, 1926
2736	J. J. McShane	1190	September 21, 1926
2737	Harvey A. Davis	1231	September 21, 1926
2738	*Roland S. Wallis	1099	February 7, 1927
2739	A. H. Fuller	1104	February 22, 1927
2740	John S. Dodds	100	April 26, 1927
2741	Roy R. Zippardt	1258	April 26, 1927
2742	Walter E. Buell	153	April 26, 1927
2743	Frank M. Hartley	1299	December 6, 1927
2744	George W. Miller	20	March 30, 1928
2745	Joel H. Mayne	161	April 26, 1928
2746	U. F. Turpin	1097	July 6, 1928
2747	James A. Lynght	574	December 4, 1928
2748	John M. Tippee	469	December 4, 1928
2749	Henry H. Dean	127	December 4, 1928
2750	Herman G. Crow	1407	December 4, 1928
2751	James Barney Marsh	7	March 14, 1929
2752	E. B. Black	863	March 30, 1929
2753	N. T. Veatch, Jr.	862	March 30, 1929
2754	Roy S. Huffman	1152	April 25, 1929
2755	Charles H. Grover	1091	April 25, 1929
2756	George J. Keller	489	April 25, 1929
2757	Paul E. Greene	1024	October 3, 1929
2758	Frank E. Marsh	548	December 3, 1929
2759	William A. Olson	185	December 3, 1929
2760	Jack J. Hinman, Jr.	206	December 3, 1929
2761	Murray L. Hutton	251	December 3, 1929
2762	xEdmund F. Wressell	1376	December 3, 1929
2763	Maurice J. Loneragan	1422	December 3, 1929
2764	C. P. Lewellen	1281	December 3, 1929
2765	David L. Yarnell	1105	March 20, 1930
2766	Virgil R. Briar	1259	March 20, 1930
2767	F. Theodore Mavis	1484	March 27, 1930
2768	Ira H. Coyne	1487	April 3, 1930
2769	B. J. Lambert	22	April 3, 1930
2770	Sherman M. Woodward	346	November 20, 1930
2771	Raymond B. Kittredge	46	November 20, 1930
2772	Cleat T. Watts	1392	December 2, 1930
2773	Paul Winfrey	242	December 2, 1930
2774	Fred T. Bristol	51	December 2, 1930
2775	Thos. W. Thorpe	402	December 2, 1930

10 REPORT OF BOARD OF ENGINEERING EXAMINERS

ROSTER OF REGISTERED PROFESSIONAL ENGINEERS AND LAND SURVEYORS

Authorized to practice in the State of Iowa, as of January 1, 1931.
Key to abbreviations: P. E., Professional Engineer; L. S., Land Surveyor.

Certificate No.	Name	Address	Branch of Engineering
1077	Abbott, Lester S.	247-23rd Ave. N., Clinton, Iowa.	P. E. & L. S.
359	Abram, Wm. A.	3214 Woodland Ave., Des Moines, Iowa.	P. E. & L. S.
1039	Acker, Robert L.	3220 Dupont Ave. S., Minneapolis, Minn.	P. E.
1022	Ackerman, Geo. E.	1017 Wenonah Ave., Oak Park, Ill.	P. E. & L. S.
564	Adams, D. E.	c/o Highway Comm., Mason City, Iowa.	P. E. & L. S.
410	Adams, Jos. Q.	Centerville, Iowa.	P. E. & L. S.
453	Adams, W. Neil	711 Dodge Ave., Ames, Iowa.	P. E. & L. S.
261	Adelstein, Morris E.	Rapid City, S. D.	P. E. & L. S.
23	Agg, Thomas R.	707 Hodge Ave., Ames, Iowa.	P. E.
1213	Albaugh, Carl B.	1403 Kellogg Ave., Ames, Iowa.	P. E.
508	Alden, Frederick S.	S. Main St., Covington, Tenn.	P. E. & L. S.
1506	Aldrich, George N.	Keosauqua, Iowa.	P. E.
524	Alexander, Philip V.	Guthrie Center, Iowa.	P. E.
727	Alexander, Archie A.	503 Frankel Bldg., Des Moines, Iowa.	P. E. & L. S.
1042	Allen, Andrews	332 S. Michigan Ave., Chicago, Ill.	P. E.
1315	Allen, Wm. M.	732-18th St., Des Moines, Iowa.	P. E.
487	Altflisch, Chas.	126½ W. Water St., Decorah, Iowa.	P. E. & L. S.
1036	Alvord, John W.	1401-20 N. Wacker Drive, Chicago, Ill.	P. E.
1168	Amble, Fred	300 Corn Exchange Bldg., Minneapolis, Minn.	P. E.
635	Ames, John H.	603 Northwestern Ave., Ames, Iowa.	P. E. & L. S.
730	Andenberg, Oscar Th.	321-4th St. N. E., Mason City, Iowa.	P. E. & L. S.
190	Anderson, Benson R.	1110 Pershing Blvd., Clinton, Iowa.	P. E. & L. S.
496	Anderson, Eugene	779 Julia Ave., Dubuque, Iowa.	P. E. & L. S.
1371	Anderson, Fred A.	2908 Ellison Ave., Omaha, Neb.	P. E. & L. S.
284	Anderson, F. P.	Epworth, Iowa.	L. S.
233	Anderson, John L.	Bondurant, Iowa.	P. E. & L. S.
504	Anderson, Roy W.	500 Washington Ave., Red Oak, Iowa.	P. E.
1430	Anderson, Sam A.	201 Nonpareil Court Bldg., Council Bluffs, Iowa.	P. E.
754	Anderson, Walter L.	Pringhar, Iowa.	P. E. & L. S.
1246	Anderson, Wendell D.	Epworth, Iowa.	P. E.
1063	Andrus, Lynn T.	Bridge Dept. State Highway Commission, Ames, Iowa.	P. E.
590	Apple, Chas. E.	225 N. Sheldon Ave., Ames, Iowa.	P. E. & L. S.
408	Archer, Elmer T.	609 New England Bldg., Kansas City, Mo.	P. E. & L. S.
1124	Arend, Albert C.	524 Peters Trust Bldg., Omaha, Neb.	P. E.
328	Arneson, Frank W.	Court House, Decorah, Iowa.	P. E. & L. S.
121	Austin, Fred H.	1041-2nd St., Webster City, Iowa.	P. E. & L. S.
820	Austin, Roy G.	128 S. 27th St., Cedar Rapids, Iowa.	P. E. & L. S.
1316	Avenell, R. H.	221 Hudson St., Storm Lake, Iowa.	P. E.
833	Ayres, Harry L.	425 S. 12th St., Keokuk, Iowa.	P. E. & L. S.
1106	Ayres, Quincy C.	Dept. Agr. Engr., Ia. State College, Ames, Iowa.	P. E.
257	Baggs, Louis E.	1027 E. High St., Davenport, Iowa.	P. E. & L. S.
1026	Bailey, O. A.	1305 W. 105th St., Chicago, Ill.	P. E. & L. S.
259	Bair, Clarence V.	871-39th St., Des Moines, Iowa.	P. E. & L. S.
476	Bair, Archie E.	1239-24th St., Des Moines, Iowa.	P. E.
711	Baker, Archie G.	County Engineer, Burlington, Iowa.	P. E. & L. S.
511	Baker, L. Scott	1114 E. 17th St., Denver, Colo.	P. E. & L. S.
110	Baldwin, Robert L.	402 Interstate Bldg., Kansas City, Mo.	P. E.
1023	Ball, Lester H.	294 Argonne Drive, N. Chicago, Ill.	P. E. & L. S.
735	Barber, Deloss H.	P. O. Box 1311, U. S. Geological Survey, Tucson, Ariz.	P. E. & L. S.
288	Barber, Nathan B.	115 Sheridan Road, Waterloo, Iowa.	P. E. & L. S.
1412	Barber, Clark A.	4107-2nd St., Des Moines, Iowa.	P. E. & L. S.
644	Barker, Wm. E.	33 W. Grand Ave., Chicago, Ill.	P. E. & L. S.
1215	Barnard, Paul F.	1240 Orchard Drive, Ames, Iowa.	P. E.
1142	Bartlett, Albert R.	Chariton, Iowa.	P. E.
757	Bartholow, C. A.	201-3rd Ave., Audubon, Iowa.	P. E. & L. S.
1056	Bartley, Jno. S., Jr.	912 Clouth St., Waterloo, Iowa.	P. E.
1122	Bartow, Edward	Chemistry Dept. Univ. of Iowa, Iowa City, Iowa.	P. E.
367	Bassett, Thomas	1631 Park Ave., Cedar Rapids, Iowa.	P. E. & L. S.
44	Bates, Herbert R.	681 Penning Ave., Wood River, Ill.	P. E. & L. S.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
1143	Battern, Algy R.	3029 Jennings St., Sioux City, Iowa.	P. E.
458	Baum, Henry J.	1228-13th Ave., Altoona, Penn.	P. E. & L. S.
225	Baustian, Alfred A.	Storm Lake, Iowa.	P. E. & L. S.
208	Beard, Wm. F.	816 Kellogg Ave., Ames, Iowa.	P. E. & L. S.
706	Beatty, Floyd A.	Des Moines Elec. Lt. Co., Des Moines, Iowa.	P. E. & L. S.
1373	Beckner, C. A.	Box 99, Shell Rock, Iowa.	P. E. & L. S.
1118	Bedell, Archer W.	Faribault, Minn.	P. E.
1169	Behrens, Wm. H.	Pomeroy, Iowa.	P. E. & L. S.
253	Beiter, G. C.	209 G. Ins. Exch. Bldg., Des Moines, Iowa.	P. E. & L. S.
247	Bemis, Walter S.	105 W. Adams St., Room 1226, Chicago, Ill.	P. E. & L. S.
448	Bemis, Wm. S., Jr.	1103 Polk Blvd., Des Moines, Iowa.	P. E. & L. S.
1463	Bennell, Hugo	Leon, Iowa.	P. E.
1385	Bennett, K. M.	Box 29, Guttenberg, Iowa.	P. E.
1385	Benson, Arthur W.	1816 E. 12th St., Des Moines, Iowa.	P. E. & L. S.
1312	Benson, Jesse N.	Route No. 3, Everett, Wash.	P. E. & L. S.
768	Benson, Roy A.	416 V. N. B. Bldg., Des Moines, Iowa.	P. E. & L. S.
1170	Bentz, Chester R.	Leon, Iowa.	P. E.
1423	Berrier, Willis H.	P. O. Box 44, Sigourney, Iowa.	P. E.
258	Berry, John W.	419 S. Johnson St., Iowa City, Iowa.	P. E. & L. S.
824	Berthe, Lucius T.	405 S. Franklin St., Charleston, Mo.	P. E.
335	Bickel, Willis F.	McGregor, Iowa.	P. E. & L. S.
1340	Bird, Byron	1602-3rd Ave. N. E., Dodge, Iowa.	P. E. & L. S.
461	Bishop, Roy P.	City Manager, Salem, Va.	P. E. & L. S.
1453	Bittle, G. H.	Harlan, Iowa.	P. E.
863	Black, Ernest B.	424 W. 60th St. Terrace, Kansas City, Mo.	P. E. & L. S.
1480	Blom, E. W.	c/o Ia. State Highway Comm., Ames, Iowa.	P. E.
1028	Bloomport, Henry	War Dept. U. S. Engrs. Office 1004 McCall Bldg., Memphis, Tenn.	P. E. & L. S.
178	Blumenschein, Edw.	531 Welch Ave., Ames, Iowa.	P. E. & L. S.
324	Blue, Maria D.	718-12th St., Ames, Iowa.	P. E. & L. S.
725	Blunt, Grover A.	316 N. Grandview Ave., Dubuque, Iowa.	P. E. & L. S.
526	Boardman, Frank M.	Telephone Bldg., Nevada, Iowa.	P. E.
204	Rock, Carl A.	504 Ludlow Bldg., Dayton, Ohio.	P. E. & L. S.
1016	Bogardus, Ray R.	28-4th St. N. W., Mason City, Iowa.	P. E. & L. S.
686	Boggess, Lester L.	1220 N. 6th St., Estherville, Iowa.	P. E. & L. S.
297	Boian, Arthur O.	1823 Franklin Ave., Des Moines, Iowa.	P. E.
444	Bolz, Jeremiah J.	219 Locust Lodge, Council Bluffs, Iowa.	P. E.
795	Bonnell, Joseph E.	c/o Lone Star Cement Co. of Texas, Dallas, Texas.	P. E.
605	Borg, Elmer H.	810 Hubbell Bldg., Des Moines, Iowa.	P. E.
1172	Boashard, Albert O.	Hayesville, Iowa.	P. E.
272	Boudinot, Allen R.	904 E. 14th St., Davenport, Iowa.	P. E. & L. S.
896	Boudinot, E. S.	903 Wilson Ave., Webster City, Iowa.	P. E. & L. S.
872	Bowditch, Jack N. W., Jr.	Marion, Iowa.	P. E. & L. S.
1241	Bowling, Benj. L.	12 M. B. A. Bldg., Mason City, Iowa.	P. E.
349	Bowman, Harry	1103 Douglas Ave., Ames, Iowa.	P. E. & L. S.
978	Boyce, Ernest	1714 Indiana St., Lawrence, Kan.	P. E. & L. S.
1307	Boyd, Donald L.	143 Wise St., North Canton, Ohio.	P. E.
1474	Boyd, R. C.	Asst. Dist. Engr. 112½ E. 3rd St., Ottumwa, Iowa.	P. E. & L. S.
835	Boyle, Ralph E.	Indianola, Iowa.	P. E. & L. S.
580	Boyles, Ralph R.	1946 St. Clair St., St. Paul, Minn.	P. E. & L. S.
1512	Boyles, X. P.	619 Bowers St., Iowa City, Iowa.	P. E.
538	Boyer, John H.	310-12 City Natl. Bank Bldg., Council Bluffs, Iowa.	P. E. & L. S.
1071	Boynton, John H.	Clarion, Iowa.	P. E. & L. S.
738	Brady, John T., Sr.	209 E. 2nd St., Ottumwa, Iowa.	P. E. & L. S.
1464	Brady, Roscoe	Box 502, Corydon, Iowa.	P. E. & L. S.
240	Brainerd, O. E.	48 W. Ave., Northampton, Mass.	P. E. & L. S.
330	Brandt, John O.	2754 Telegraph R., Davenport, Iowa.	P. E. & L. S.
1216	Braun, Roy E.	628-8th St., Ames, Iowa.	P. E.
1513	Breitengross, R. A.	Box No. 5, Buffalo, Iowa.	P. E.
1259	Brewer, V. S.	629 Oak Park Ave., Des Moines, Iowa.	P. E.
1269	Briar, Virgil R.	R.F.D. No. 2, Altoona, Iowa.	P. E.
65	Bristol, Cyrus J.	4000 University, Des Moines, Iowa.	P. E.
51	Bristol, Fred T.	1705 Mar Ella Trail, Des Moines, Iowa.	P. E. & L. S.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
1247	Britton, Byron G.	2205 Exchange St., Kookuk, Iowa.	P. E. & L. S.
81	Broom, Benjamin A.	740 Malvern Ave., Chicago, Ill.	P. E.
739	Brown, Evelyn N.	812-14th St., Belle Plaine, Iowa.	P. E. & L. S.
1300	Brown, Floyd K.	Leon, Iowa.	P. E.
802	Brown, Horace A.	720 Court Ave. N., Ottumwa, Iowa.	P. E. & L. S.
64	Brown, LeRoy	620-2nd St. E., Cresco, Iowa.	P. E. & L. S.
1145	Brown, Paul Clay	926 E. Davenport St., Iowa City, Iowa.	P. E.
1438	Brown, Robert C.	1716 Winter St., Superior, Wis.	P. E.
108	Brown, Victor J.	118 W. Blair St., West Chicago, Ill.	P. E. & L. S.
866	Brown, Walter M.	131 N. Grandview Ave., Dubuque, Iowa.	P. E.
549	Bruce, John A.	3628 St. Charles Ave., New Orleans, La.	P. E. & L. S.
499	Bruat, Arthur H.	Sigourney, Iowa.	P. E. & L. S.
88	Bryant, Monroe H.	Jefferson County Court House, Fairfield, Iowa.	P. E. & L. S.
1146	Buckman, Irvyl C.	County Engineer, Adel, Iowa.	P. E. & L. S.
25	Budd, John W.	3722 E. 42nd St. Des Moines, Iowa.	P. E. & L. S.
153	Buell, Walter E.	503 Ins. Exch. Bldg., Sioux City, Iowa.	P. E. & L. S.
368	Burch, David W.	339 Old Masonic Temple, Davenport, Iowa.	P. E. & L. S.
1035	Burdick, Charles B.	1401-20 N. Wacker Dr., Chicago, Ill.	P. E.
1126	Burnet, George	955 S. 17th St., Fort Dodge, Iowa.	P. E. & L. S.
1144	Burnie, Arthur I.	4108 Warwick Blvd., Kansas City, Mo.	P. E.
789	Burr, Howard B.	807 Riverside Drive, Waterloo, Iowa.	P. E.
1498	Burns, Charles D.	1008-11th St., Marion, Iowa.	P. E.
401	Burris, John A.	2853 Rutland Ave., Des Moines, Iowa.	P. E. & L. S.
414	Burrows, James M.	2nd and New York Ave., Des Moines, Iowa.	P. E. & L. S.
646	Burt, Austin	406 W. H. St., Ontario, Calif.	P. E.
1248	Burton, Wm. A.	Waterloo, Iowa.	P. E.
1083	Butcher, Romeo W.	R. No. 1, Mt. Olive, Ill.	P. E. & L. S.
1173	Butler, John G.	2602 Ave. D., Council Bluffs, Iowa.	P. E.
1505	Butler, Virgil	Oakland, Iowa.	P. E.
92	Cain, Fred L.	301 Summit Ave., Shenandoah, Iowa.	P. E. & L. S.
980	Caldwell, Frank D.	c/o Parks Dept. City Hall, Des Moines, Iowa.	P. E. & L. S.
1361	Camery, J. P.	P. O. Box No. 2, Harlan, Iowa.	P. E.
860	Campbell, Allan B.	c/o Nat. Elec. Lt. Assn., Room 2050, 420 Lexington Ave., New York, N. Y.	P. E. & L. S.
382	Campbell, Floyd	644 W. 4th St., Spencer, Iowa.	P. E. & L. S.
39	Campbell, Guy R.	Emmetsburg, Iowa.	P. E. & L. S.
989	Campbell, Ralph H.	c/o Medusa Portland Cement Co., 1002 Engineers Bldg., Cleveland, Ohio.	P. E. & L. S.
43	Canfield, Lloyd A.	3204 Southwest 8th St., Des Moines, Iowa.	P. E. & L. S.
1291	Canon, Guy F.	Atlantic, Iowa.	P. E.
831	Capel, Earl H.	State Highway Comm., Court House, Sioux City, Iowa.	P. E. & L. S.
604	Capper, Chas.	Adel, Iowa.	P. E. & L. S.
537	Capper, Howard M.	110 So. 27th St., Camp Hill, Pa.	P. E. & L. S.
1057	Carleton, Wilson	44 S. Howard St., Pittsburg, Pa.	P. E.
859	Carlson, Ernest E.	Battle Creek, Iowa.	P. E. & L. S.
1288	Carlson, W. F.	Box J., Albia, Iowa.	P. E.
1346	Carpenter, John S.	315 Vermont St., Waterloo, Iowa.	P. E. & L. S.
1387	Carson, E. B.	Box 41, Harlan, Iowa.	P. E.
473	Cassill, Raymond C.	615 S. W. Davis Ave., Des Moines, Iowa.	P. E. & L. S.
220	Caughey, Robert A.	224 Stanton Ave., Ames, Iowa.	P. E. & L. S.
885	Caywood, Thomas G.	943 Iowa Ave., Iowa City, Iowa.	P. E.
358	Chambers, Frank C.	1400 Second Ave., Cedar Rapids, Iowa.	P. E.
219	Chambers, Hugh A.	210 S. Tama St., Boone, Iowa.	P. E. & L. S.
1329	Chantry, W. K.	627 C. R. S. Bank Bldg., Cedar Rapids, Iowa.	P. E.
1458	Charlesworth, George	Railroad Comm., State House, Des Moines, Iowa.	P. E.
11	Chase, Charles P.	237 1/2 Fifth Ave. S., Clinton, Iowa.	P. E. & L. S.
933	Chenoweth, Albert A.	1126 River St., Carthage, Mo.	P. E. & L. S.
1276	Cherry, Thomas A.	Logan, Iowa.	P. E. & L. S.
87	Chesebro, Harry G.	1834-14th Ave., Moline, Ill.	P. E. & L. S.
1330	Christiansen, Geo. L.	Box 434, Oskaloosa, Iowa.	P. E. & L. S.
453	Christensen, Louis A.	5808 Waring Ave., Hollywood, Calif.	P. E. & L. S.
783	Chubb, Charles E.	309 S. Jones St., Algona, Iowa.	P. E. & L. S.
901	Clapper, Lyle	1350 Arthur St. N. E., Minneapolis, Minn.	P. E. & L. S.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
948	Clark, George L.	617 N. Byers Ave., Joplin, Mo.	P. E.
909	Clark, Robert J.	185 Perry St., Pontiac, Mich.	P. E.
1338	Clark, Roy L.	c/o W. P. Kent, Waukegan, Iowa.	P. E.
665	Clausen, Rudolph J.	910 Kahl Bldg., Davenport, Iowa.	P. E.
1331	Clauson, Leslie M.	627 C. R. S. Bank Bldg., Cedar Rapids, Iowa.	P. E.
1174	Clayton, Lloyd E.	804 Harman St., Tama, Iowa.	P. E.
355	Cleghorn, Mark P.	513 Ash Ave., Ames, Iowa.	P. E.
515	Clemens, Adam	Amama, Iowa.	P. E.
1240	Clement, Donald B.	1468 Harvard St., Washington, D. C.	P. E.
90	Clement, Lester L.	928 Clark Ave., Ames, Iowa.	P. E. & L. S.
1507	Cline, James A.	326 Union State Bank Bldg., Omaha, Neb.	P. E.
559	Clingan, Elmer G.	808 E. Main, Knoxville, Iowa.	P. E. & L. S.
830	Clyde, Ray W.	708 Ridgewood Ave., Ames, Iowa.	P. E. & L. S.
1249	Cochran, Robert D.	P. O. Box 101, Coolidge, Ariz.	P. E. & L. S.
322	Coffeen, A. R.	Decorah, Iowa.	P. E.
622	Colby, F. E.	3811 Jackson St., Sioux City, Iowa.	P. E. & L. S.
1325	Collins, Perry L.	Mapleton, Iowa.	P. E. & L. S.
75	Conklin, Harry M.	Osage, Iowa.	P. E. & L. S.
598	Conlee, Glenn L.	218 S. Highland Ave., Arlington Heights, Ill.	P. E. & L. S.
130	Conlon, Bernard J.	815-6th Ave., Council Bluffs, Iowa.	P. E. & L. S.
1350	Cook, Alfred B.	6717 Glenwood Ave., Chicago, Ill.	P. E.
415	Cook, Coleman H.	721 Lewis St., Burlington, Iowa.	P. E. & L. S.
974	Cook, Eugene	Maintenance Supt. Highway Comm., Rock Rapids, Iowa.	P. E. & L. S.
339	Cook, Henry E.	178 Alta Vista Ave., Ottumwa, Iowa.	P. E. & L. S.
392	Cook, J. Neel	195 Crescent Drive, Mason City, Iowa.	P. E. & L. S.
43	Cook, Paul D.	2436 Joseph St., New Orleans, La.	P. E. & L. S.
222	Cook, Claude A.	Decorah, Iowa.	P. E. & L. S.
976	Coombes, James L.	244 1/2 Summer Ave., Newark, N. J.	P. E. & L. S.
202	Coomer, Rosa M.	311 United Bank Bldg., Sioux City, Iowa.	P. E.
981	Cooper, Ralph Lowry	108 Marshall St., Boone, Iowa.	P. E. & L. S.
934	Cooper, Wm. C.	2318 E. 13th St., Des Moines, Iowa.	P. E. & L. S.
1314	Copeland, Ronald E.	240 E. Delaware Place, Chicago, Ill.	P. E. & L. S.
491	Cordner, W. S.	2534 Cortland St., Chicago, Ill.	P. E. & L. S.
82	Cordoran, Harry J.	431 Ins. Exch. Bldg., Des Moines, Iowa.	P. E. & L. S.
1319	Cory, H. L.	902 Harney St., Omaha, Neb.	P. E.
1405	Cox, Carl E.	Iowa Highway Comm., Manchester, Iowa.	P. E.
45	Cox, Lawrence W.	2150 S. 35th Ave., Omaha, Neb.	P. E. & L. S.
170	Coykendall, Claud C.	808 Ridgewood Ave., Ames, Iowa.	P. E. & L. S.
1487	Coyne, Ira H.	316 Central Office Bldg., Davenport, Iowa.	P. E.
880	Craig, Dan S.	1431 41st St., Des Moines, Iowa.	P. E. & L. S.
157	Craig, Robert C.	116 S. 15th St., Centerville, Iowa.	P. E. & L. S.
628	Crawford, Matthew O.	4207 Duane Ave., Detroit, Mich.	P. E.
581	Crawford, Wm. W.	c/o K. S. A. C., Manhattan, Kan.	P. E. & L. S.
1416	Cribbs, H. E.	Eldora, Iowa.	P. E.
390	Critz, Paul F.	c/o U. S. Bureau of Public Roads, Washington, D. C.	P. E. & L. S.
1089	Croft, LeRoy M.	Toledo, Iowa.	P. E.
1101	Crossman, Ralph S.	1107 S. Bussey Ave., Urbana, Ill.	P. E. & L. S.
570	Crowl, D. N. Jr.	1108 Fremont St., Marshalltown, Iowa.	P. E.
1407	Crow, Herman G.	1211 Lakeshore Drive, St. Joseph, Mich.	P. E. & L. S.
1175	Crowley, Miles E.	700 S. & L. Bldg., Des Moines, Iowa.	P. E. & L. S.
227	Crowley, Orville W.	S. & L. Bldg., Des Moines, Iowa.	P. E. & L. S.
1367	Croy, S. E.	c/o Iowa State Highway Comm., Ames, Ia.	P. E.
436	Crum, Roy W.	Highway Research Board, Nat. Research Council, Washington, D. C.	P. E. & L. S.
759	Culhane, James L.	702 W. 38th St., Des Moines, Iowa.	P. E.
112	Cullen, Walter H.	1283 Curtis St., Dubuque, Iowa.	P. E. & L. S.
421	Cunningham, Albert H.	625 Early St., Storm Lake, Iowa.	P. E. & L. S.
376	Cunningham, Chester W.	1343 S. 36th St., Omaha, Neb.	P. E. & L. S.
1400	Cunningham, Thos. F.	Janesville, Wis.	P. E.
6	Currie, C. H.	814 Division St., Webster City, Iowa.	P. E. & L. S.
672	Currie, Joseph E.	180 W. 1st Ave., Waterloo, Iowa.	P. E. & L. S.
1148	Curtis, Donald D.	Clemson College, South Carolina.	P. E. & L. S.
201	Curtis, J. H.	City Mgr. City Bldg., Charles City, Iowa.	P. E. & L. S.
895	Curtis, Thomas H.	2131 Grace St., Hannibal, Mo.	P. E. & L. S.
362	Dale, Benj. C.	County Engineer, Falls City, Neb.	P. E.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
68	Damerow, Harry W.	Supt. Public Works, Vero Beach, Fla.	P. E. & L. S.
961	Damon, Philip E.	724 6th St., Ames, Iowa.	P. E. & L. S.
497	Daniel, Howard L.	Traer, Iowa.	P. E. & L. S.
784	Davis, Albion	315 Fulton St., Keokuk, Iowa.	P. E. & L. S.
310	Davis, Bernard H.	405 S. Dodge St., Iowa City, Iowa.	P. E. & L. S.
55	Davis, Frank L.	518 Haynes Ave., Centerville, Iowa.	P. E. & L. S.
1149	Davis, Harry K.	413-10th St., Ames, Iowa.	P. E. & L. S.
1231	Davis, Harvey A.	Box 14, Crest, Neb.	P. E. & L. S.
690	Dawson, James S.	County Engineer, Charles City, Iowa.	P. E. & L. S.
441	Dean, George J.	805 E. River Road, Minneapolis, Minn.	P. E. & L. S.
127	Dean, Henry H.	Glenwood, Iowa.	P. E. & L. S.
520	DeButts, Wm. H.	3111-56th St., Des Moines, Iowa.	P. E. & L. S.
357	Decker, Henry H.	2915 Ingersoll Ave., Des Moines, Iowa.	P. E. & L. S.
606	Deering, Chas. C.	409 R. U. L. Bldg., Des Moines, Iowa.	P. E. & L. S.
470	Deering, Judson W.	1064-35th St., Des Moines, Iowa.	P. E. & L. S.
1227	De LaHunt, R. J.	822 Ridgewood Ave., Ames, Iowa.	P. E. & L. S.
167	De Lay, Theo. S.	515 W. Mills St., Creston, Iowa.	P. E. & L. S.
439	Denman, Burt J.	2200 Bankers Bldg., Chicago, Ill.	P. E. & L. S.
851	Desparios, Francis R.	1511 Pierce St., Sioux City, Iowa.	P. E. & L. S.
276	DeVoe, Philip K.	1001 N. Elm St., Creston, Iowa.	P. E. & L. S.
459	Dey, Curtis T.	507 Clinton St. N., Iowa City, Iowa.	P. E. & L. S.
1074	Dickinson, Warren	1118 Mulberry St., Des Moines, Iowa.	P. E. & L. S.
591	Dickinson, Louis E.	120 High St., Keokuk, Iowa.	P. E. & L. S.
189	Dickson, George M.	P. O. Box 1, Forest City, Iowa.	P. E. & L. S.
1421	Dill, Terry F.	Manchester, Iowa.	P. E. & L. S.
1443	Dinsmore, R. H.	503 Marsh Place Bldg., Waterloo, Iowa.	P. E. & L. S.
1495	Dixon, John W.	1505 Pershing Ave., Davenport, Iowa.	P. E. & L. S.
765	Dobson, Geo. D.	1032 W. 22nd St., Des Moines, Iowa.	P. E. & L. S.
100	Dodds, J. S.	Box 202, Ames, Iowa.	P. E. & L. S.
810	Dodge, Byard A.	717 Walnut St., Webster City, Iowa.	P. E. & L. S.
1177	Dolph, Geo. L.	Box 78, Chickasha, Okla.	P. E. & L. S.
1388	Doty, Glenn H.	505 I Ave., Grundy Center, Iowa.	P. E. & L. S.
1368	Dougherty, James R.	1504 E. St., Ft. Madison, Iowa.	P. E. & L. S.
1090	Douthett, Claude L.	Box 210, Waterloo, Iowa.	P. E. & L. S.
668	Dow, Fred C.	320-4th Ave. S. W., Cedar Rapids, Iowa.	P. E. & L. S.
631	Downing, C. V.	400-401 Consolidated Bldg., Jacksonville, Fla.	P. E. & L. S.
920	Downs, Joe	Iowa Southern Utilities Co., Centerville, Iowa.	P. E. & L. S.
181	Dows, Sutherland C.	2159 Blake Blvd., Cedar Rapids, Iowa.	P. E. & L. S.
91	Drabelle, John M.	2500 Beaver Ave., Cedar Rapids, Iowa.	P. E. & L. S.
785	Drain, Harry E.	1355 W. 9th St., Des Moines, Iowa.	P. E. & L. S.
463	Drake, Robert Z.	1302 City Nat. Bank Bldg., Omaha, Neb.	P. E. & L. S.
245	Drasda, Frank A.	2204-2nd St. N., Clinton, Iowa.	P. E. & L. S.
971	Druar, John F.	904 Globe Bldg., St. Paul, Minn.	P. E. & L. S.
1076	Duerr, Raymond	1636 Corse St., Burlington, Iowa.	P. E. & L. S.
396	Dunn, Everett W.	1321 S. Newton St., Sioux City, Iowa.	P. E. & L. S.
1298	Durham, John B.	Iowa Highway Comm., Ames, Iowa.	P. E. & L. S.
1298	Durland, Cos K.	c/o T. F. Durland, Brookings, S. D.	P. E. & L. S.
695	Earle, Roscoe E.	247 N. Western Ave., Los Angeles, Calif.	P. E. & L. S.
641	Earley, John W.	805 S. 2nd St., Fairfield, Iowa.	P. E. & L. S.
1302	Ebeling, Arthur H.	719 Kahl Bldg., Davenport, Iowa.	P. E. & L. S.
63	Ebling, Everett E.	6810 1/2 Lowe Ave., Chicago, Ill.	P. E. & L. S.
1108	Eby, Charles W.	c/o W. C. F. & W. Ry. Co., Waterloo, Ia.	P. E. & L. S.
133	Eckles, Walter A.	Blue Earth, Minn.	P. E. & L. S.
1013	Edgerton, Henry H.	463 Grand Central Passenger Station, Chicago, Ill.	P. E. & L. S.
957	Ehrhart, Clyde L.	719-4th St. No. 1, St. Cloud, Minn.	P. E. & L. S.
1050	Elder, Donald C.	708 W. Summit St., Marshalltown, Iowa.	P. E. & L. S.
32	Elliott, Walter G.	No. 1 W. 54th St., New York City, N. Y.	P. E. & L. S.
791	Elliott, Geo. H.	107-7th St., Charles City, Iowa.	P. E. & L. S.
1499	Englar, Sterling D.	3415 School St., Des Moines, Iowa.	P. E. & L. S.
726	Engert, Philip C.	Box 28, Iowa City, Iowa.	P. E. & L. S.
652	Ernst, Wm. P.	1640 E. 13th St., Des Moines, Iowa.	P. E. & L. S.
266	Etnyre, Samuel L.	303 N. 2nd St., Council Bluffs, Iowa.	P. E. & L. S.
391	Ewen, Cere E.	United Light Bldg., Davenport, Iowa.	P. E. & L. S.
492	Eyre, James R.	3403 Robins Ave., Des Moines, Iowa.	P. E. & L. S.
168	Faber, Daniel C.	Lock Box 1, Mt. Vernon, Iowa.	P. E. & L. S.
218	Fahy, Wm. L.	813-9th St., Ames, Iowa.	P. E. & L. S.
		1047 Grover Ave., Glendale, Calif.	P. E. & L. S.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
1446	Failer, Samuel V.	600 W. 1st St., Indianola, Iowa.	P. E.
270	Fairbanks, Steward J.	W. C. F. & N. Ry. Co., Waterloo, Iowa.	P. E. & L. S.
254	Fairchild, Robert V.	Onawa, Iowa.	P. E. & L. S.
1005	Fargo, Wm. G.	506 Union St., Jackson, Mich.	P. E.
1462	Farnsworth, E. A.	Oskaloosa, Iowa.	L. S. (Mining)
229	Farquaharson, Thos. S.	1328 W. 9th St., Des Moines, Iowa.	P. E. & L. S.
1517	Fatherson, Robert B.	415 N. Madison Ave., Mason City, Iowa.	P. E.
1178	Faul, Alfred F.	1905 Ingersoll Ave., Des Moines, Iowa.	P. E.
447	Ferguson, Elmer L.	512 United Bank Bldg., Sioux City, Iowa.	P. E. & L. S.
645	Fick, Adolph	347 Prospect Ave., Milwaukee, Wis.	P. E. & L. S.
1391	Fiddick, G. W.	New Hampton, Iowa.	P. E.
522	Finch, Aulden D.	West Union, Iowa.	P. E. & L. S.
979	Findley, Raymond H.	2501 Kansas Ave., Omaha, Neb.	P. E. & L. S.
576	Fink, John L.	826 N. 2nd St., Clinton, Iowa.	P. E.
150	Finkle, Vernon	Latimer, Iowa.	P. E. & L. S.
49	Finley, Chas. M.	301 Warnock Bldg., Sioux City, Iowa.	P. E. & L. S.
122	Fischer, Albert F.	Independence Corrugated Culvert Co., Ames, Iowa.	P. E. & L. S.
365	Fisher, Herbert B.	Dow City, Iowa.	P. E. & L. S.
331	Fisher, Chas. M.	Maquoketa, Iowa.	P. E. & L. S.
815	Fisk, John M.	323 N. Capitol St., Iowa City, Iowa.	P. E. & L. S.
611	Fitzpatrick, Thos. J.	2002 N. 68th St., Lincoln, Neb.	P. E. & L. S.
960	Fixen, Victor L.	2222 Grand Ave., Minneapolis, Minn.	P. E. & L. S.
943	Fleming, Burton P.	Las Cruces, New Mexico.	P. E. & L. S.
348	Flindt, V.	609 E. 9th St., Kansas City, Mo.	P. E. & L. S.
1362	Flint, Lawrence L.	Box 104, Sanborn, Iowa.	P. E.
424	Ford, Clarence H.	Lock Box 157, Winterset, Iowa.	P. E. & L. S.
786	Fordyce, Franklin H.	Emmetsburg, Iowa.	P. E. & L. S.
917	Forrest, Victor E.	4936 Thomas Ave. S., Minneapolis, Minn.	P. E.
197	Forsbeck, C. D.	Box 1396, Tacoma, Wash.	P. E. & L. S.
1309	Forsyth, Leslie A.	2066 Estes Ave., Chicago, Ill.	P. E.
536	Forsythe, Frank	2306 Cottage Grove Ave., Des Moines, Ia.	P. E. & L. S.
1274	Foster, Walter L.	Iowa State College, Ames, Iowa.	P. E.
868	Fox, Merritt L.	c/o Houde Engineering Corp., 537 E. Delevan Ave., Buffalo, N. Y.	P. E. & L. S.
568	Frank, Chas. G.	703 Washington St., Eldora, Iowa.	P. E. & L. S.
1212	Frere, Wm. J., Jr.	737 Hummel Ave., Lemoyne, Penn.	P. E. & L. S.
565	Friedrich, Alfred K.	101 N. Russell Ave., Ames, Iowa.	P. E. & L. S.
78	Fries, George T.	Dixon, Ill.	P. E. & L. S.
304	Frink, Orvin K.	3320 Hollins Ave., Des Moines, Iowa.	P. E. & L. S.
1410	Frink, Russell A.	618 N. 6th Ave., Washington, Iowa.	P. E.
1104	Fuller, Almon H.	722 Douglas Ave., Ames, Iowa.	P. E. & L. S.
172	Fuller, Raymond H.	Rock Rapids, Iowa.	P. E. & L. S.
797	Fuller, W. A.	2916 Shenandoah Ave., St. Louis, Mo.	P. E. & L. S.
874	Fulton, Wilbur L.	2593 Evans St., Omaha, Neb.	P. E. & L. S.
1225	Furman, Russell A.	Spirit Lake, Iowa.	P. E. & L. S.
1179	Fye, R. C.	c/o County Engineer's Office, Sigourney, Iowa.	P. E.
217	Gaines, Alfred W.	320 N. 2nd St., Council Bluffs, Iowa.	P. E. & L. S.
1515	Galligan, W. E.	148 Howard Ave., Ames, Iowa.	P. E.
1504	Garber, Neil E.	Iowa State Highway Comm., Cedar Rapids, Iowa.	P. E.
54	Garland, Walter R.	New Hampton, Iowa.	P. E. & L. S.
519	Garrett, Arthur O.	1607-27th St., Des Moines, Iowa.	P. E. & L. S.
1497	Gartake, Fred E.	619 Ronald St., Iowa City, Iowa.	P. E. & L. S.
1208	Gates, A. J.	Midland, Texas.	P. E. & L. S.
452	Gaylord, Chas. H.	723-17th St., Des Moines, Iowa.	P. E. & L. S.
21	Gaynor, Keyes C.	525 Trimble Bldg., Sioux City, Iowa.	P. E. & L. S.
427	Gearhart, Ralph W.	349 S. 21st St. E., Cedar Rapids, Iowa.	P. E. & L. S.
207	Gibbs, Chas. D.	Box 36, Akron, Iowa.	P. E. & L. S.
774	Gibbs, S. E.	Corydon, Iowa.	P. E.
1068	Gibson, Ralph A.	P. O. Box 583, Whiting, Ind.	P. E. & L. S.
287	Gilbert, Earl C.	418 Lyceum Bldg., Duluth, Minn.	P. E. & L. S.
323	Gilbert, Geo. H.	421 W. 6th St., Apt. No. 2, Davenport, Ia.	P. E. & L. S.
37	Gilbert, Wesley	914 Robbins St., Sac City, Iowa.	P. E. & L. S.
693	Gilchrist, Myrl C.	c/o Byllesby Eng. & Management Corp., Pittsburgh, Pa.	P. E.
428	Gillette, Harry A.	No. 327-6th Ave. W., Cedar Rapids, Iowa.	P. E. & L. S.
951	Gillette, Lester S.	Fostoria, Iowa.	P. E. & L. S.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
1006	Gillette, Roy U.	Postoria, Iowa	P. E. & L. S.
1334	Gilman, J. C.	Osceola, Iowa	P. E.
1403	Girton, Russell B.	Allison, Iowa	P. E.
543	Gjellefeld, Olaf N.	Forest City, Iowa	P. E. & L. S.
394	Gleason, Clarence L.	State Highway Comm., Ames, Iowa	P. E. & L. S.
906	Goldthwaite, Byron	Marengo, Iowa	P. E. & L. S.
326	Goodrich, Ira E.	R. No. 8, Waterloo, Iowa	P. E. & L. S.
123	Goplerud, Clifford P.	Osage, Iowa	P. E. & L. S.
1413	Goslin, M. L.	Maintenance Supt. Highway Comm., Allamogosa, Iowa	P. E.
899	Gould, Augustus G.	517 Welman Ave., Davenport, Iowa	P. E. & L. S.
698	Gould, Edward E.	131 Columbia Drive, Decatur, Ga.	P. E.
327	Gould, Vernon G.	201 So. 8th St., Chariton, Iowa	P. E. & L. S.
155	Graham, Howard O.	1815 D Ave., N.E., Cedar Rapids, Ia.	P. E. & L. S.
509	Graham, Paul	2115 E. 9th St., Des Moines, Iowa	P. E. & L. S.
241	Graham, Ralph C.	206 Kirkwood Blvd., Davenport, Iowa	P. E.
629	Graichen, Henry W.	Amama, Iowa	L. S.
1059	Gravenkamp, Henry H.	Hamburg, Iowa	P. E. & L. S.
176	Gray, B. L.	3351 Holdrege St., Lincoln, Neb.	P. E. & L. S.
1342	Gray, Donald W.	Box 86, Knoxville, Iowa	P. E.
419	Gray, Gaylord E.	P. O. Box 1334, Des Moines, Iowa	P. E.
1492	Gray, John G.	City Hall, Okalaosa, Iowa	P. E. & L. S.
1021	Greely, Samuel A.	6 N. Michigan Ave., Chicago, Ill.	P. E. & L. S.
700	Green, Clarence C.	835-18th St., Des Moines, Iowa	P. E. & L. S.
533	Green, H. R.	c/o H. R. Green Co., Cedar Rapids, Ia.	P. E. & L. S.
1024	Green, Paul E.	400 N. Michigan Ave., Chicago, Ill.	P. E. & L. S.
1494	Greene, N. E., Jr.	Avoca, Iowa	P. E.
498	Greene, Wm. J.	117-16th St., N.E., Cedar Rapids, Ia.	P. E. & L. S.
411	Greenleaf, Harold	1220 16th St., Rock Island, Ill.	P. E. & L. S.
1477	Greenman, Webster	19 George St., Westerly, R. I.	P. E. & L. S.
1058	Greenwood, Ralph H.	Tabor, Iowa	P. E. & L. S.
86	Griffith, Geo. M.	215 N. VanBuren St., Iowa City, Ia.	P. E. & L. S.
942	Griffith, Wm. A.	210 S. Main St., Mt. Pleasant, Ia.	P. E. & L. S.
34	Gross, Charles E.	West Broadway, Eagle Grove, Iowa	P. E. & L. S.
356	Grover, Alva J.	108 Mt. Vernon Ave., Council Bluffs, Ia.	P. E. & L. S.
1091	Grover, Chas. B.	402 E. Dudley, Maumee, Ohio	P. E. & L. S.
823	Grover, Forest E.	1111 Harrison St., Council Bluffs, Ia.	P. E. & L. S.
556	Grupe, Edgar Y.	316 N. 37th St., Omaha, Neb.	P. E. & L. S.
573	Gunn, R. B.	2922 Garfield Ave., Hannibal, Mo.	P. E.
1140	Hahn, Edward W.	Elkader, Iowa	P. E. & L. S.
688	Hahn, H. W.	3316 Crocker St., Des Moines, Iowa	P. E.
450	Haken, Carlton J.	Spencer, Iowa	P. E.
513	Hall, F. P. G.	Court House, Muscatine, Iowa	P. E. & L. S.
1457	Hall, Jno. G., Jr.	P. O. Box 710, Oxford, N. C.	P. E.
1061	Hall, Merle A.	Vinton, Iowa	P. E.
113	Hall, Merton G.	Centerville, Iowa	P. E. & L. S.
236	Halpin, Paul J.	1175-4th St., Des Moines, Iowa	P. E. & L. S.
767	Hammond, Robert H.	1216 Foreman Bldg., Los Angeles, Calif.	P. E. & L. S.
152	Hands, Stanley M.	3141 O St., Sacramento, Calif.	P. E. & L. S.
1277	Handy, Walter N.	1001 Hubbell Bldg., Des Moines, Ia.	P. E.
107	Hanna, Frank W.	Chief Engr. and Gen. Mgr., East Bay Municipal Utility Dist., 512-16th St., Oakland, Calif.	P. E. & L. S.
67	Hansel, Harry E.	138 S. Millner St., Ottumwa, Iowa	P. E. & L. S.
888	Hanson, Asle N.	409 Hill St., Decorah, Iowa	P. E. & L. S.
683	Hanson, Bert B.	West Union, Iowa	P. E.
1029	Hartman, Jacob A.	904 Jefferson Bldg., Peoria, Ill.	P. E. & L. S.
612	Harrington, Arthur S.	P. O. Box 452, Omaha, Nebraska	P. E. & L. S.
516	Harris, Charles H.	Virginia Elec. & Power Company, Richmond, Virginia	P. E.
1516	Harris, Clifford N.	Rm. 414, Y. M. C. A. Bldg., Des Moines, Iowa	P. E.
748	Harris, Frank C.	13107 Athens Ave., Cleveland, Ohio	P. E.
106	Hart, Guy D.	Hanacroft, Iowa	P. E. & L. S.
115	Hart, R. C.	790 Murray St., Milwaukee, Wis.	P. E.
1299	Hartley, Frank G.	428 Perkins Bldg., Tacoma, Wash.	P. E.
154	Hartman, Russell T.	1251 Elmhurst Drive, Cedar Rapids, Ia.	P. E. & L. S.
278	Hartup, Harry W.	502 Capitol Theatre Bldg., Des Moines, Iowa	P. E. & L. S.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
1486	Harvey, C. E.	706-45th St. Place, Des Moines, Iowa	P. E. (Mining)
615	Hassler, Paul M.	R. F. D. No. 1, Batavia, Ill.	P. E.
1509	Hastings, Wm. F.	West Union, Iowa	P. E.
465	Hatch, Edw. J.	c/o Hatch Motor Co., Creston, Iowa	P. E. & L. S.
216	Hatch, Walter A.	Iola, Wis.	P. E. & L. S.
140	Hatton, Norman	2042 Bever Ave., Cedar Rapids, Iowa	P. E.
1181	Hay, Earl D.	College of Engineering, U. of Kansas, Lawrence, Kansas	P. E.
729	Headstrom, Chas. R.	839 W. 39th St., Des Moines, Iowa	P. E.
891	Heiple, Eldridge W.	302 North St., Hinsdale, Ill.	P. E. & L. S.
1432	Heigeland, S. M.	196-3rd St., South-Humboldt, Iowa	P. E.
268	Henkel, Carl A.	9 Oak Drive, Mason City, Iowa	P. E. & L. S.
1182	Henkel, Geo. J., Jr.	512 Lloyd St., Milwaukee, Wis.	P. E. & L. S.
1402	Henningsen, E. G.	County Engr., Osceola, Iowa	P. E.
613	Henningsen, Henning H.	1301 S. 36th St., Omaha, Nebraska	P. E. & L. S.
132	Henoch, Milton J.	c/o Muller Sign Service, 4340 Cottage Grove Ave., Chicago, Ill.	P. E. & L. S.
1451	Henschen, Wm. H. B.	Garner, Iowa	P. E. & L. S.
1389	Hensing, Emmett H.	Alton, Iowa	P. E.
274	Herm, Ole G.	201 North 5th St., Marshalltown, Ia.	P. E. & L. S.
1290	Hermann, Clarence C.	219 Virden St., Waterloo, Iowa	P. E.
430	Herring, James W.	Clarion, Iowa	P. E. & L. S.
577	Herring, Wm. J.	R. F. D. No. 1, Kalamazoo, Mich.	P. E. & L. S.
164	Hershire, Richard A.	1410 N. 3rd St., Clinton, Iowa	P. E. & L. S.
1252	Herwehe, Frederick A.	146 N. Parkside Ave., Chicago, Ill.	P. E. & L. S.
992	Hiatt, Ernest B.	1264 S. Mariposa, St. Glendale, Calif.	P. E. & L. S.
1184	Hickethier, M. E.	Charles City, Iowa	P. E. & L. S.
431	Hickok, Harry O.	3219 9th St., Ames, Iowa	P. E. & L. S.
1064	Hickok, Harvey M.	1219 Flour Exch. Bldg., Minneapolis, Minnesota	P. E.
594	Higbee, Frederic G.	320 Ronalds St., Iowa City, Iowa	P. E. & L. S.
1116	Higgins, Lafayette, Jr.	c/o Parrish & Co., Barranquilla, Colombia, South America, Apartado 870	P. E. & L. S.
17	Higgins, Lafayette, Sr.	1144-25th St., Des Moines, Iowa	P. E. & L. S.
1244	Hiland, John E.	1217 Marston Ave., Ames, Iowa	P. E.
262	Hill, George E.	915 Pine St., Green Bay, Wisconsin	P. E. & L. S.
298	Hill, J. B.	c/o American Gas & Elec. Co., 30 Church St., New York City, N. Y.	P. E. & L. S.
47	Hilton, Jos. K.	Clarion, Iowa	P. E. & L. S.
1070	Hinderman, Arthur W.	Wapello, Iowa	P. E. & L. S.
206	Hinman, Jack J., Jr.	121 Melrose Ave., Iowa City, Iowa	P. E.
654	Hintgen, Leo. N.	City Hall, Sioux City, Iowa	P. E. & L. S.
369	Hites, Lisle V.	1326 Pennsylvania Ave., Des Moines, Ia.	P. E. & L. S.
1352	Hoeg, Victor H.	Decorah, Iowa	P. E. & L. S.
28	Hogman, Isadore W.	126 S. Clark St., Carroll, Iowa	P. E. & L. S.
1185	Hogeland, Edward E.	Iowa Falls, Iowa	P. E. & L. S.
319	Holbrook, Leonard G.	County Engr., Rockwell City, Iowa	P. E. & L. S.
270	Holbrook, Royal H.	1420-2nd Ave., Cedar Rapids, Iowa	P. E.
1426	Holdefer, Joseph L.	5th Floor Court House, Sioux City, Ia.	P. E.
1025	Holland, Ray K.	106 E. Liberty St., Ann Arbor, Mich.	P. E. & L. S.
720	Hollister, V. L.	195 Bankers Life Bldg., Lincoln, Neb.	P. E. & L. S.
375	Holloway, Elmer A.	358 S. 21st St. E., Cedar Rapids, Iowa	P. E.
412	Holmes, A. E.	Lake View, Iowa	P. E. & L. S.
733	Holmes, Fred E.	903 Iowa Ave., Iowa City, Iowa	P. E. & L. S.
945	Holmes, Leslie F.	2110 Beaver Ave., Des Moines, Iowa	P. E.
445	Holmes, Sven E.	Chief Engr. Rundle Mfg. Co., 3905 River Ave., Camden, N. J.	P. E.
372	Holt, Andrew H.	Engineering Bldg., Iowa City, Iowa	P. E. & L. S.
704	Holtze, Harry S.	2121 E. 4th St., Sioux City, Iowa	P. E.
152	Hoover, David E.	Elkader, Iowa	P. E. & L. S.
875	Hopkins, Peter E.	419 First St., E. Mason City, Iowa	P. E. & L. S.
446	Hopcock, Lewis N.	1207 Cherry St., Des Moines, Iowa	P. E. & L. S.
1439	Horner, Oliver H.	470 Board of Trade Bldg., Kansas City, Missouri	P. E.
1020	Horton, George T.	1305 W. 105th St., Chicago, Ill.	P. E.
1186	Houstrup, Christian F.	c/o Pitometer Co., 50 Church St., New York, N. Y.	P. E. & L. S.
1459	Houser, Paul J.	Board of Health, Engr. Dept., State House, Des Moines, Iowa	P. E.

18 REPORT OF BOARD OF ENGINEERING EXAMINERS

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
816	Hovey, Arthur M.	809 C. Ave., West Oskaloosa, Iowa.	P. E. & L. S.
811	Howard, Marshall	132 S. 13th St., Lincoln, Nebraska.	P. E. & L. S.
602	Howe, Jesse W.	1835-6th Ave., Cedar Rapids, Iowa.	P. E.
329	Howe, Jos. H.	126-6th Ave., E. Cresco, Iowa.	P. E. & L. S.
911	Howenstine, Irvin V.	906 Sycamore, Muscatine, Iowa.	P. E. & L. S.
1187	Howie, Harry H.	2500 Prairie Ave., Chicago, Ill.	P. E. & L. S.
1034	Howson, L. R.	20 W. Wacker Drive, Chicago, Ill.	P. E.
1490	Hoyt, Alvin C.	1203 Grove Terrace, Dubuque, Iowa.	P. E.
952	Huart, Charles H.	356 Prospect Ave., Glen Ellyn, Ill.	P. E.
218	Hubbard, Frank R.	301 Hubbell Bldg., Des Moines, Iowa.	P. E.
914	Huerth, Theodore	c/o Savarine Hotel, Detroit, Michigan.	P. E.
184	Huff, Clyde L.	837 S. Virginia Ave., Mercedes, Texas.	P. E. & L. S.
1152	Huffman, Roy S.	Box 166, Carbondale, Ill.	P. E. & L. S.
239	Hug, John	210 S. Russell Ave., Ames, Iowa.	P. E. & L. S.
583	Hughes, Homer	Rm. 530, New State Bldg., Lansing, Mich.	P. E. & L. S.
724	Hummel, Jesse G.	819 7th St., Ames, Iowa.	P. E.
1466	Hunt, H. W.	Redfield, Iowa.	P. E. & L. S.
669	Huntington, Arthur	309 Security Bldg., Cedar Rapids, Iowa.	P. E.
308	Hurst, Benj. B.	Rockport, Missouri.	P. E. & L. S.
554	Hutchison, Bryce	281 B. Moline Ave., Long Beach, Calif.	P. E. & L. S.
1136	Hutchison, Robert C.	621 Robinson Ave., Webster Groves, Mo.	P. E. & L. S.
251	Hutton, Murray L.	907 Ridgewood, Ames, Iowa.	P. E. & L. S.
379	Huxtable, George S.	519-5th Ave., Sioux City, Iowa.	P. E. & L. S.
800	Hyland, John L.	Oceola, Iowa.	P. E. & L. S.
117	Ileman, J. A.	515 Division St., Boone, Iowa.	P. E. & L. S.
1073	Iliff, Earl A.	Webster City, Iowa.	P. E. & L. S.
773	Iliff, Roscoe A.	2154-8th Ave., Marion, Iowa.	P. E. & L. S.
122	Ingersoll, Frank B.	Marshalltown, Iowa.	P. E. & L. S.
1526	Ipsen, Morgens	129 N. Main St., Rockford, Ill.	P. E.
129	Irwin, Everette H.	2407 Santiago Ave., Santa Ana, Calif.	P. E. & L. S.
1079	Jackman, Alwyn S.	Shores Acres, Madison, Wisconsin.	P. E. & L. S.
963	Jacoby, Clark E.	908 Fairfax Bldg., 101 W. 11th St., Kansas City, Mo.	P. E. & L. S.
1153	Jamison, Orin L.	Box 381, Oceola, Iowa.	P. E. & L. S.
1348	Jenks, Harry N.	Consulting Sanitary Eng., Ft. Dodge, Ia.	P. E.
1130	Jennings, Thomas	1517 Rowland St., New York, N. Y.	P. E. & L. S.
1468	John, E. V.	109 W. 7th St., Ames, Iowa.	P. E. & L. S.
1060	Johnson, Arthur E. J.	723-38th St., Des Moines, Iowa.	P. E. & L. S.
281	Johnson, Frank L.	1309 Euclid Ave., Des Moines, Iowa.	P. E. & L. S.
1427	Johnson, F. R.	Shellrock, Iowa.	P. E.
931	Johnson, Geo. E.	1227 J. St., Lincoln, Nebraska.	P. E. & L. S.
474	Johnson, Harvey E.	203 Hunter Ave., Joliet, Ill.	P. E.
1372	Johnson, James W.	Iowa State Highway Comm., Ames, Ia.	P. E.
422	Johnson, Merle E.	Winnebago, Minnesota.	P. E. & L. S.
374	Johnson, Robert T.	County Engr. Knoxville, Iowa.	P. E. & L. S.
500	Johnson, Telemachus H.	32nd & Myrtle Sts., Sioux City, Iowa.	P. E. & L. S.
460	Johnston, Hugh H.	905 N. Broadway, Watertown, S. D.	P. E. & L. S.
425	Johnston, W. D.	106 Pleasant St., Waterloo, Iowa.	P. E. & L. S.
1293	Jones, A. S.	2827 Logan Ave., Des Moines, Iowa.	P. E. & L. S.
1447	Jones, Bert D.	Sac City, Iowa.	P. E.
938	Jones, Earl E.	262 Masonic Temple, Des Moines, Ia.	P. E. & L. S.
581	Jones, Frank O.	8900 N. E. 10th Ave., Miami, Fla.	P. E. & L. S.
1475	Jones, Gerald S.	Forest City, Iowa.	P. E. & L. S.
692	Jones, J. P.	1127 W. 4th St., Waterloo, Iowa.	P. E.
265	Jones, Oliver M.	3421-2nd St., Des Moines, Iowa.	P. E. & L. S.
1429	Jones, Robert P.	201 Nonpareil Court Bldg., Council Bluffs, Iowa.	P. E.
1292	Jones, W. D.	Hartford Bldg., Chicago, Ill., S. W. Corner Dearborn and Madison Sts.	P. E. & L. S.
294	Jones, Wm. E.	917 Brookridge Ave., Ames, Iowa.	P. E. & L. S.
275	Judd, W. A.	3124 Chestnut St., Kansas City, Mo.	P. E.
1278	Justen, Raymond H.	413 S. Summit, Iowa City, Iowa.	P. E.
495	Karr, Jay A.	Adel, Iowa.	P. E. & L. S.
282	Kaser, Elmer L.	Adel, Iowa.	P. E. & L. S.
1320	Kaser, J. D.	Adel, Iowa.	P. E.
1134	Kassel, Henry J.	307-24th St., S. W., Mason City, Iowa.	P. E. & L. S.
3	Kastberg, K. C.	225 Ins. Exch. Bldg., Des Moines, Ia.	P. E. & L. S.
143	Kauts, Paul	1142-24th St., Des Moines, Iowa.	P. E.
694	Keffer, Karl K.	202 Masonic Temple Bldg., Des Moines, Iowa.	P. E.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
935	Keith, Kirk J.	1505—47th St., Des Moines, Iowa.	P. E.
489	Keller, Geo. J.	221 South Lucas St., Iowa City, Iowa.	P. E. & L. S.
1018	Keltner, Ray L.	400 E. Grant Ave., Shenandoah, Iowa.	P. E. & L. S.
719	Kennally, Martin M.	c/o Ohio Brass Co., Mansfield, Ohio.	P. E.
982	Kenworthy, Bruce R.	4306 Hickman Ave., Des Moines, Ia.	P. E. & L. S.
1123	Kerekes, Frank	1123 Burnett Ave., Ames, Iowa.	P. E.
705	Kerrigan, J. C.	Frement, Nebraska.	P. E. & L. S.
196	Kilpatrick, G. H.	424 Conger St., Waterloo, Iowa.	P. E. & L. S.
171	Kimball, Wm. H.	906 Mississippi Ave., Davenport, Iowa.	P. E. & L. S.
651	King, George M.	2513 High Street, Des Moines, Iowa.	P. E. & L. S.
929	King, Lowell R.	909 Arlington Court, Davenport, Iowa.	P. E. & L. S.
1395	Kinne, Morris Y.	Webster City, Iowa.	P. E. & L. S.
717	Kirk, Frank	1008 E. Main St., Estherville, Iowa.	P. E. & L. S.
46	Kittredge, Raymond B.	630 S. Governor St., Iowa City, Iowa.	P. E. & L. S.
616	Klaus, Henry S.	107 W. Howard St., Manchester, Iowa.	P. E. & L. S.
558	Klinger, W. A.	2605 W. Solway Drive, Sioux City, Ia.	P. E. & L. S.
722	Koenig, Arnold C.	534 S. 28th St., Lincoln, Nebraska.	P. E. & L. S.
1473	Koenig, M. E.	211 5th Ave., Decorah, Iowa.	P. E.
1415	Koenitzer, L. H.	K. S. A. C. Box 217, Manhattan, Kan.	P. E. & L. S.
1420	Koontz, Paul E.	c/o Iowa State Highway Comm., Ames, Ia.	P. E.
486	Korner, Elmer T.	819 Wilson Ave., Ames, Iowa.	P. E. & L. S.
828	Korreck, John P.	Armstrong, Iowa.	P. E. & L. S.
416	Koss, Geo. W.	325-42nd St., Des Moines, Iowa.	P. E. & L. S.
1465	Krane, Arnold	Court House, Bloomfield, Iowa.	P. E. & L. S.
563	Kreth, Daniel	Wellman, Iowa.	P. E. & L. S.
1253	Kreymer, Allen N.	Resident Engr. Washington, Iowa.	P. E. & L. S.
664	Kruse, Walter O.	910 Kahl Bldg., Davenport, Iowa.	P. E. & L. S.
228	Kuehlicke, Otto	102 W. Central Park Ave., Davenport, Ia.	P. E. & L. S.
351	Laing, Frank O.	2500 Raymond Drive, Des Moines, Ia.	P. E. & L. S.
728	Laird, Madison R.	1957 W. 9th St., Des Moines, Iowa.	P. E. & L. S.
302	Lamb, Marion D.	8845 S. May St., Chicago, Ill.	P. E.
22	Lambert, Byron J.	No. 4 Melrose Circle, Iowa City, Iowa.	P. E. & L. S.
1390	Lamp, George E.	Jamaica, Iowa.	P. E.
640	Lampe, Louis H.	Bellevue, Iowa.	L. S.
1272	Landes, Bates E.	1603-47th St., Des Moines, Iowa.	P. E.
1357	Langdon, B. J.	Box 250, Marshalltown, Iowa.	P. E.
941	Lankford, Everett A.	1011 W. 6th St., Oklahoma City, Okla.	P. E.
1280	Larson, Harry	3216 Elmore Square, Oakland, Pittsburgh, Penn.	P. E.
1188	Larsen, O.	100 E. Washington St., Springfield, Ill.	P. E. & L. S.
1347	LaRue, Perry	2315 Knappe St., Ames, Iowa.	P. E.
1086	Latimer, O. W.	403 Security Bldg., Cedar Rapids, Ia.	P. E.
1478	Lau, Frank D.	325 N. Washington St., Ottumwa, Iowa.	P. E.
884	Laubenfels, Gustav A.	1121 Smith St., Burlington, Iowa.	P. E. & L. S.
350	Lawler, Francis D. H.	314 N. 4th St., Burlington, Iowa.	P. E. & L. S.
1518	Lawton, Leo L.	Riceville, Iowa.	P. E.
175	Leay, Vernon H.	Box 533, Muscatine, Iowa.	P. E. & L. S.
1374	Lechner, C. P.	337 West Elk St., Glendale, Calif.	P. E.
72	Lee, Albert W.	4223 Ingersoll Ave., Des Moines, Iowa.	P. E. & L. S.
286	Lee, C. Orville	214 S. 12th St., Sac City, Iowa.	P. E. & L. S.
1139	Leefers, Otis L.	861 S. 17th St. E., Cedar Rapids, Iowa.	P. E. & L. S.
264	Leffert, David L.	404 S. Minnesota St., Algona, Iowa.	P. E. & L. S.
174	Lehmkuhl, Chas. H.	Mount Ayr, Iowa.	P. E. & L. S.
383	Leibrock, Leroy L.	Engr. Highway Comm., Elkader, Iowa.	P. E. & L. S.
342	Leicht, Harry S.	604 Grand Ave., Ames, Iowa.	P. E. & L. S.
600	Leslie, Wm. H.	316 Prospect Ave., Iowa Falls, Iowa.	P. E. & L. S.
1434	Letner, Chauncey C.	1009 Rusholme St., Davenport, Iowa.	P. E.
1281	Lewellen, C. P.	209-10 Bever Bldg., Cedar Rapids, Iowa.	P. E. & L. S.
1519	Lewis, C. H.	313 Haynes Ave., Centerville, Iowa.	P. E. & L. S.
212	Lewis, E. M.	463 Grand Central Station, Chicago, Ill.	P. E. & L. S.
807	Lewis, Emanuel W.	202 N. 20th St., Cedar Rapids, Iowa.	P. E. & L. S.
620	Lewis, Russell J.	1001 Ave. D, Ft. Madison, Iowa.	P. E.
1269	Lien, Harold L.	Manchester, Iowa.	P. E. & L. S.
442	Lilly, Andrew J.	1708 S. Jamestown, Tulsa, Okla.	P. E. & L. S.
271	Lilly, James E.	1267-1st Ave. E., Cedar Rapids, Iowa.	P. E.
1243	Lindauer, W. P.	950-18th St., Marion, Iowa.	P. E.
1210	Lindberg, Fritz A.	140 S. Dearborn St., Chicago, Ill.	P. E.
352	Lindsey, Jesse L.	Grinnell, Iowa.	P. E. & L. S.
1154	Linstrom, Arthur C.	1306-46th St., Des Moines, Iowa.	P. E.
224	Little, Harry A.	Bedford, Iowa.	P. E. & L. S.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
354	Livingston, Clarence R.	627 C. R. S. B. Bldg., Cedar Rapids, Ia.	P. E. & L. S.
381	Lofstedt, Otis B.	Grand Junction, Iowa	P. E. & L. S.
562	Long, George J.	608-1st St., Webster City, Iowa	P. E.
482	Longer, Fred J.	Washington, Iowa	P. E. & L. S.
139	Lorenzen, Ernest B.	714-5th Ave., S. Clinton, Iowa	P. E. & L. S.
973	Loring, David M.	Engr. Dept. C, B. & Q. R. R., Lincoln, Nebraska	P. E. & L. S.
1520	Lovejoy, John	1805 Arlington Ave., Des Moines, Iowa	P. E.
967	Loweth, Chas. F.	Rm. 898 Union Station, Chicago, Ill.	P. E.
58	Lowry, Lellis L.	219-6th Ave. E., Cresco, Iowa	P. E. & L. S.
194	Lowther, J. E.	P. O. Box 181, Winnebago, Wisconsin	P. E. & L. S.
842	Luce, Arthur T.	222 Hyslop Ave., Westfield, N. J.	P. E. & L. S.
869	Lueder, Herman H.	c/o Bell Telephone Co., Des Moines, Ia.	P. E.
1080	Lueder, Roy M.	501 Sunderland Bldg., Omaha, Neb.	P. E.
97	Luse, William H.	2323 Pierce St., Sioux City, Iowa	P. E. & L. S.
190	Luten, Daniel B.	1056 Consolidated Bldg., Indianapolis, Ind.	P. E. & L. S.
103	Lutze, Raymond C.	2011-4th St., Perry, Iowa	P. E. & L. S.
252	Luyford, Fred R.	New Hampton, Iowa	P. E. & L. S.
1322	Lyon, Alfred A.	P. O. Box 36, Tama, Iowa	P. E.
574	Lysaght, James A.	1336 E. 13th St., Des Moines, Iowa	P. E.
647	MacDonald, Barnes	Jefferson, Iowa	P. E. & L. S.
27	MacDonald, Fred A.	County Engr., Estherville, Iowa	P. E. & L. S.
1010	MacDuffee, Karl M.	2351 N. 63rd St., Seattle, Wash.	P. E. & L. S.
371	MacGibbon, Wm. M.	504 Lewis Bldg., Portland, Ore.	P. E. & L. S.
547	MacKenzie, Leon R.	541 W. 44th St., Des Moines, Iowa	P. E.
434	MacVicar, John, Jr.	1338-9th St., Des Moines, Iowa	P. E.
894	McAllister, John	Prattburg, N. Y.	P. E. & L. S.
210	McCauley, Thos. P.	Dist. Highway Office, Ottawa, Ill.	P. E. & L. S.
29	McCauley, Thos. P.	651-38th St., Des Moines, Iowa	P. E. & L. S.
1456	McCauley, Wm. H.	c/o Montgomery Ward Co., Chicago, Ill.	P. E.
741	McClain, Fred H.	1123-2nd St., Ames, Iowa	P. E.
747	McClelland, Fred D.	Corning, Iowa	P. E. & L. S.
57	McClure, Wm. E.	Rockwell City, Iowa	P. E. & L. S.
109	McCormick, Robert	812 Ridgewood, Ames, Iowa	P. E. & L. S.
1323	McCosh, S. A.	1705 Mt. Vernon Ave., Cedar Rapids, Ia.	P. E.
1440	McCosh, W. J.	Sidney, Iowa	P. E.
253	McCown, W. V.	4530 Waveland Court, Des Moines, Ia.	P. E. & L. S.
467	McCoy, John J.	603 Iowa St., Cedar Falls, Iowa	P. E. & L. S.
806	McCulloch, Ernest	2320 Grand Ave., Minneapolis, Minn.	P. E. & L. S.
541	McCullough, Geo. K.	Humboldt, Iowa	P. E. & L. S.
1455	McCredden, P. H.	c/o Iowa State Highway Comm., Milford, Iowa	P. E.
1318	McElhorne, James C.	Court House, Red Oak, Iowa	P. E.
1282	McEdden, J. G.	c/o County Engr., Newton, Iowa	P. E.
62	McFarland, Malcolm D.	815 Ave. P., Ft. Madison, Iowa	P. E. & L. S.
822	McGaughey, John D.	1229 Blondeau St., Keosauqua, Iowa	P. E. & L. S.
619	McGrath, C. P.	116 Clinton St., Mt. Clemens, Mich.	P. E. & L. S.
968	McGraw, Max	120 S. LaSalle St., Chicago, Ill.	P. E.
792	McKay, Noble M.	Des Moines Elec. Co., Des Moines, Ia.	P. E.
377	McKean, Hugh C.	City Engr., Yanketown, Florida	P. E. & L. S.
1308	McKee, Ed. R.	c/o Elec. Engr., Ia. State College, Ames, Iowa	P. E.
1140	McKee, James B.	412 N. 16th St., Ft. Dodge, Iowa	P. E. & L. S.
1189	McKee, Alfred L.	Guthrie Center, Iowa	P. E. & L. S.
1479	McKinley, L. W.	Greenfield, Iowa	P. E.
1236	McLean, James C.	County Engr., Sioux City, Iowa	P. E.
1092	McLennan, Donald M.	Polk Bldg., Des Moines, Iowa	P. E.
1502	McMillen, Perry W.	Box 34, Centerville, Iowa	P. E. & L. S.
338	McMurray, Ray	Newton, Iowa	P. E. & L. S.
1351	McNail, S. H.	209-210 Bever Bldg., Cedar Rapids, Ia.	P. E. & L. S.
1328	McNeely, John Knox	532 Hayward Ave., Ames, Iowa	P. E.
1190	McShane, Jesse J.	2224 Iowa St., Davenport, Iowa	P. E.
852	McWayne, Albert	322 Paulton Bldg., Sioux Falls, S. D.	P. E. & L. S.
1521	Mack, Leon F.	Osgoe, Iowa	P. E.
617	Mack, Frank W.	313 E. 3rd St., Storm Lake, Iowa	P. E.
778	Mack, Geo. H.	1906 W. 3rd St., Davenport, Iowa	P. E. & L. S.
760	Madison, Walter G.	1204 3rd St., Ames, Iowa	P. E.
1514	Maffitt, E. C.	2233 24th St., Rock Island, Ill.	P. E.
1156	Magee, Bronson R.	1756 Avalon Road, Cleveland, Ohio	P. E.
1228	Magowan, Donald S.	Box 37, Effingham, Ill.	P. E.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
1109	Maier, Joseph F.	County Engr's Office, Carroll, Iowa	P. E.
429	Maier, John R.	Edmors, Iowa	P. E. & L. S.
1289	Mahone, Leslie W.	3008 Wood St., Ames, Iowa	P. E. & L. S.
751	Maine, Harry E.	306 Marsh Place Bldg., Waterloo, Ia.	P. E. & L. S.
750	Maine, Herbert A.	306 Marsh Place Bldg., Waterloo, Ia.	P. E. & L. S.
1399	Malcom, Vincent V.	The Philip Carey Co., Cincinnati, Ohio	P. E.
826	Malcom, Fred A.	Greenfield, Iowa	P. E. & L. S.
589	Malcolm, Ora P.	Peachontas, Iowa	P. E. & L. S.
169	Mallett, Frank G.	Leon, Iowa	P. E. & L. S.
516	Malloy, John M.	1912 Eastern Ave., Davenport, Ia.	P. E. & L. S.
1030	Manhard, Edward	2454 14th Ave., Rock Island, Ill.	P. E. & L. S.
426	Mann, Franklin H.	317 Russell Ave., Ames, Iowa	P. E. & L. S.
937	Marker, Harvey M.	507 S. Locust St., Jefferson, Ia.	P. E. & L. S.
1471	Marsh, D. Y.	Box 406, Sioux City, Ia.	P. E. & L. S.
548	Marsh, Frank E.	618 New England Bldg., Topeka, Kan.	P. E. & L. S.
454	Marsh, Fred H.	c/o Alumni Sec'y., Ia. State College, Ames, Iowa	P. E. & L. S.
7	Marsh, James B.	206 Masonic Temple Bldg., Des Moines, Iowa	P. E. & L. S.
15	Marston, Anson	Ames, Iowa	P. E. & L. S.
1448	Martin, Howard C.	429 Longwood Drive, Cedar Rapids, Ia.	P. E. & L. S.
5	Martin, L. M.	201 Nonpareil Court Bldg., Council Bluffs, Iowa	P. E.
105	Martin, Thomas R.	Emmetsburg, Iowa	P. E. & L. S.
1157	Martin, Thurman E.	Glenwood, Iowa	P. E.
630	Mason, Clyde	2631 Knapp St., Ames, Iowa	P. E. & L. S.
740	Mathewson, Isaac	1919 Mulberry Ave., Muscatine, Ia.	P. E. & L. S.
949	Matson, T. E.	Goodell, Iowa	P. E. & L. S.
1452	Mattox, Clair H.	601 6th Ave., Ames, Iowa	P. E.
1484	Mavis, F. Theodore	Engineering Hall, Iowa City, Iowa	P. E.
1225	Maxwell, Fred W.	1668 Kentucky St., Quincy, Ill.	P. E. & L. S.
384	Maxwell, Wayne D.	Rm. 7, Masonic Bldg., 3rd and State St., Harrisburg, Pa.	P. E. & L. S.
162	Mayne, Arthur H.	803 7th Ave., Council Bluffs, Iowa	P. E. & L. S.
161	Mayne, Joel H.	409 Glen Ave., Council Bluffs, Iowa	P. E. & L. S.
138	Mead, Daniel W.	State Journal Bldg., Madison, Wis.	P. E.
975	Mechem, Alro W.	Clarion, Iowa	P. E.
31	Mechem, George L.	Clarion, Iowa	P. E. & L. S.
24	Meeker, Warren H.	Iowa State College, Ames, Iowa	P. E.
535	Melberg, Amos	316 S. 19th St., Cedar Rapids, Ia.	P. E. & L. S.
1002	Melson, S. J.	Jefferson, Iowa	P. E. & L. S.
569	Menges, Theodora C.	246 Western Ave., Waterloo, Iowa	P. E.
332	Merced, Jos. W.	341 Cutler St., Waterloo, Iowa	P. E. & L. S.
1001	Meredith, E. R.	Iowa State Highway Comm., Ames, Ia.	P. E. & L. S.
780	Merrill, Keith B.	1123 45th St., Des Moines, Iowa	P. E. & L. S.
1283	Merrill, R. E.	c/o City Hall, Oskaloosa, Iowa	P. E. & L. S.
1191	Merritt, Robert W.	Ottumwa, Iowa	P. E.
298	Merten, Chas. F.	Garner, Iowa	P. E. & L. S.
1435	Meyer, R. F.	Red Oak, Iowa	P. E.
1394	Meyers, B. R.	4613 N. Paulina St., Chicago, Ill.	P. E.
193	Michaelsen, Thorvald	117 W. 7th St., Cedar Falls, Iowa	P. E. & L. S.
246	Michel, Archie E.	S. Harlan St., Algona, Iowa	P. E. & L. S.
701	Michel, Paul A.	403 Maple St., Red Oak, Iowa	P. E. & L. S.
1093	Middleton, Harry C.	Excelsior Heater & Supply Co., St. Paul, Minn.	P. E.
532	Miller, Arthur F.	1117 Wilson Ave., Ames, Iowa	P. E. & L. S.
20	Miller, George W.	Pioneer Nat. Bank Bldg., Waterloo, Ia.	P. E. & L. S.
1511	Miller, Glenn H.	1027 Walnut St., Iowa City, Iowa	P. E. & L. S.
77	Miller, Herbert	1112 E. 13th St., Des Moines, Iowa	P. E. & L. S.
1341	Miller, Reuben J.	617 Caward Bldg., Waterloo, Iowa	P. E.
1192	Miller, Maurice C.	810 Hubbell Bldg., Des Moines, Iowa	P. E. & L. S.
1501	Miller, Theodore	Court House, Dubuque, Iowa	P. E.
53	Miner, W. H.	522 Belmont Ave., Chicago, Ill.	P. E. & L. S.
96	Minnis, C. L.	Pittsburgh-Des Moines Steel Co., Des Moines, Iowa	P. E. & L. S.
1120	Mirick, Alfred S.	N. 30 Catharine St., Lyons, N. Y.	P. E. & L. S.
146	Mitchell, Lamont J.	626 E. 19th St., Sioux Falls, S. D.	P. E. & L. S.
986	Moeller, J. A.	Rockwell City, Iowa	P. E. & L. S.
1082	Monlux, Wm. L.	Tennex, Wash.	P. E. & L. S.
601	Moore, John P.	Rockwell City, Iowa	P. E. & L. S.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
1349	Moore, Ralph L.	319 Jefferson St., Decorah, Iowa.	P. E.
1087	Moots, Elmer E.	710 8th Ave., North, Mt. Vernon, Ia.	P. E. & L. S.
306	Morehouse, Wallace W.	31 E. Norman Ave., Dayton, Ohio.	P. E. & L. S.
1031	Morgan, Arthur E.	Ludlow Bldg., Dayton, Ohio.	P. E. & L. S.
808	Morgan, Avery L.	3319 Cottage Grove Ave., Des Moines, Iowa.	P. E. & L. S.
1379	Morgan, Fred J.	Box 517, Arlington, Va.	P. E.
1193	Morgan, Grover B.	Box 78, R. 1, Hamburg, Iowa.	P. E. & L. S.
205	Morriarity, Clarence	1301 Equitable Bldg., Des Moines, Ia.	P. E. & L. S.
1419	Morris, Edward L.	West Union, Iowa.	P. E.
1254	Morris, Mark B.	Iowa State Highway Comm., Ames, Ia.	P. E.
83	Morris, Sidney	268 Lauren Ave., Highland Park, Ill.	P. E. & L. S.
211	Morrison, Joseph S.	112½ E. 3rd St., Ottumwa, Iowa.	P. E. & L. S.
399	Mosher, Leslie V.	5701 Rush Ave., Baltimore, Md.	P. E. & L. S.
1335	Moyer, Ralph A.	2114 Storm St., Ames, Iowa.	P. E.
364	Mullen, Ralph G.	Box 1148, South Hampton, Long Island, New York N. Y.	P. E. & L. S.
1229	Mullergren, Arthur L.	770 Board of Trade Bldg., Kansas City, Mo.	P. E.
1011	Mulligan, W. B.	Tyndall, S. D.	P. E. & L. S.
1488	Murphy, Linton J.	304 Welch Ave., Ames, Iowa.	P. E.
793	Myers, Bert M.	c/o State Highway Comm., Ames, Iowa.	P. E. & L. S.
688	Nelson, Fred Oscar.	Toledo, Iowa.	P. E. & L. S.
373	Nelson, George A.	227 Monona St., Boone, Iowa.	P. E. & L. S.
932	Nelson, N. Fred	595 Miller Ave., Spencer, Iowa.	P. E.
1000	Nemmers, W. P.	3916 W. 10th St., Des Moines, Iowa.	P. E. & L. S.
964	Nagle, Clarence F.	1411 W. 6th St., Waterloo, Iowa.	P. E.
1354	Nagler, Floyd A.	6 Melrose Circle, Iowa City, Iowa.	P. E.
844	Naiden, Fred S.	3220 Iola Ave., Des Moines, Iowa.	P. E. & L. S.
440	Nebergall, Leon	c/o Puget Sound Bridge & Dredging Co., Seattle, Wash.	P. E. & L. S.
776	Negus, Joseph E.	604 4th St., Ft. Madison, Iowa.	P. E. & L. S.
386	Nelson, C. J.	P. O. Box 363, Keokuk, Iowa.	P. E. & L. S.
883	Nelson, Ernest E.	Box 144, Sigourney, Iowa.	P. E. & L. S.
753	Ness, Clarence J.	811½ Commercial St., Waterloo, Iowa.	P. E.
1503	Neuhart, Edward L.	Box 149, Adel, Iowa.	P. E.
838	Neumann, Harold C.	519 Hubbell Bldg., Des Moines, Ia.	P. E.
397	Nevin, James E.	108 Stewart Ave., Woodstock, Ill.	P. E. & L. S.
918	Nichols, Earle G.	Ia. Railway & Light Co., Cedar Rapids, Iowa.	P. E.
1159	Nichols, John C.	L. & N. Ry. Co., Rm. 800, Louisville, Ky.	P. E.
736	Nichols, Wm. P.	620 5th St., Ames, Iowa.	P. E. & L. S.
915	Nielandt, Will C.	1034 7th St., Des Moines, Iowa.	P. E.
1125	Nixon, Harry S.	309 Omaha Grain Exch. Bldg., Omaha, Neb.	P. E. & L. S.
423	Norman, Roy A.	715 Ridgewood Ave., Ames, Iowa.	P. E.
138	Norris, Mark V.	Webster City, Iowa.	P. E. & L. S.
1194	Norris, Wm. P.	County Engineer, Clarinda, Iowa.	P. E.
1345	Nowlin, H. B.	Ft. Madison, Iowa.	P. E.
777	O'Brien, Stephen W.	864 Saunders-Kennedy Bldg., Omaha, Neb.	P. E. & L. S.
1255	O'Connor, Wm. C.	Maintenance Supt., Adel, Iowa.	P. E. & L. S.
936	Olgen, Frank F.	223 4th St., Crookston, Minn.	P. E. & L. S.
148	Oliver, George E.	288 Deerpath East, Lake Forest, Ill.	P. E. & L. S.
787	Olson, Arthur O.	219 Danigelis Block, Muskegon Heights, Mich.	P. E. & L. S.
1364	Olson, Arthur K.	County Engineer, Creston, Ia.	P. E.
404	Olson, Carl E.	P. O. Box 205, Montezuma, Ia.	P. E. & L. S.
185	Olson, Wm. A.	Nevada, Iowa.	P. E. & L. S.
1049	Oltarsh, David M.	36 West 44th St., New York, N. Y.	P. E. & L. S.
1377	Orcutt, Forrest G.	Box 104, Wellington, Colo.	P. E. & L. S.
758	O'Rourke, John B.	1118 Mulberry St., Des Moines, Ia.	P. E. & L. S.
471	Orr, Harry O.	Waukon, Iowa.	P. E. & L. S.
347	Owen, Wm. E., Jr.	221 C. R. S. B. Bldg., Cedar Rapids, Iowa.	P. E. & L. S.
1491	Owens, Robt. J.	Guttenberg, Iowa.	P. E.
650	Paine, Frank D.	828 8th St., Ames, Iowa.	P. E.
1369	Parker, Carl H.	317 Ave. "G", Ft. Madison, Iowa.	P. E.
790	Parker, Louis F.	414 Laurel Ave., Wilmette, Ill.	P. E. & L. S.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
1326	Parker, Van H.	Court House, Dubuque, Iowa.	P. E. & L. S.
897	Parr, Chas. H.	100 Hulin St., Charles City, Iowa.	P. E.
1397	Parsons, Donald A.	3220 Wisconsin Ave., N. W., Washington, D. C.	P. E.
305	Parsons, Douglas E.	U. S. Bureau of Standards, Washington, D. C.	P. E. & L. S.
147	Parsons, John L.	522 S. 22nd St., Ft. Dodge, Iowa.	P. E. & L. S.
1051	Patterson, Archie S.	Box 121, Redfield, Iowa.	P. E.
327	Patterson, Ralph E.	1703 Crawford St., Boone, Iowa.	P. E. & L. S.
1231	Patzner, Frank A.	c/o Southern Surety Co., St. Louis, Mo.	P. E.
743	Patzig, Monroe L.	680 44th St., Des Moines, Iowa.	P. E. & L. S.
1510	Paulig, Ray E.	83 River Heights Drive, Mason City, Ia.	P. E.
481	Paulson, Howard O.	Camanche, Iowa.	P. E. & L. S.
1431	Paulson, John A.	2026 W. 3rd St., Waterloo, Iowa.	P. E.
994	Paylor, Wm. I.	Box 242, Burt, Iowa.	P. E.
742	Payton, James R.	805 State St., Osage, Iowa.	P. E. & L. S.
134	Pearce, Frank D.	22 Beaumont Drive, Mason City, Iowa.	P. E. & L. S.
1043	Pearshall, Amos C.	1920 Arlington Ave., Des Moines, Iowa.	P. E.
673	Pearse, Langdon	P. O. Drawer F., Winnetka, Ill.	P. E. & L. S.
1133	Peck, Edwin H.	Deceatur, Iowa.	P. E.
320	Pedersen, Hans V.	11 North 11th St., Marshalltown, Iowa.	P. E. & L. S.
403	Percival, John S.	Div. of Engr. Waterworks Dept., Detroit, Mich.	P. E. & L. S.
546	Perkins, Wm. L.	Chariton, Iowa.	P. E. & L. S.
697	Perry, Guy A.	Ia. State Highway Comm., Creston, Iowa.	P. E. & L. S.
856	Perry, Thomas R.	412 10th St., Ames, Iowa.	P. E. & L. S.
962	Peterson, Frank A.	625 C. R. S. B. Bldg., Cedar Rapids, Iowa.	P. E. & L. S.
666	Pettit, Homer B.	1st L. C. E. Michigan College of Mining & Technology, Houghton, Mich.	P. E. & L. S.
1226	Phelps, Howard L.	West Branch, Iowa.	P. E. & L. S.
922	Phelps, Mark B.	6319 Michigan Ave., Detroit, Mich.	P. E.
796	Pickus, Joseph	Pickus Engr. Construction Co., 1343 First Nat. Bank Bldg., Chicago, Ill.	P. E.
627	Pilmer, John M.	810 Lincoln Ave., Des Moines, Iowa.	P. E. & L. S.
237	Plaister, George M.	1500 3rd Ave., North, Ft. Dodge, Iowa.	P. E.
1239	Plowman, Hubert R.	725 Fairview Ave., Waterloo, Iowa.	P. E.
627	Pray, John W.	Supt. Water Works, Ft. Dodge, Iowa.	P. E.
1411	Preston, Foster K.	c/o Iowa Highway Comm., 3rd floor Globe-Gazette Bldg., Mason City, Iowa.	P. E.
1522	Preston, Perry J.	2310 S. Newton, Sioux City, Iowa.	P. E. & L. S.
198	Price, W. O.	201 Masonic Bldg., Chariton, Iowa.	P. E. & L. S.
1382	Proescholdt, Walter H.	3521 Elm Ave., Cedar Rapids, Iowa.	P. E.
1355	Prosser, J. G.	1260 First Ave., N. Ft. Dodge, Iowa.	P. E. & L. S.
904	Quackenbush, Jno. E.	1600 Wilson Ave., Webster City, Iowa.	P. E. & L. S.
637	Quale, W. L.	Thompson, Iowa.	P. E. & L. S.
1411	Quinn, Leroy A.	1320 Burch Ave. N. W., Cedar Rapids, Iowa.	P. E. & L. S.
1522	Radcliffe, F. Searle	830 West 7th St., Davenport, Iowa.	P. E.
231	Rager, Harry A.	311 South Vermont St., Maquoketa, Iowa.	P. E.
1195	Ralph, Charles E.	311 Crocker Bldg., Des Moines, Iowa.	P. E.
1311	Randolph, Otto C. F.	1637 Monandnock Bldg., 53 W. Jackson Blvd., Chicago, Ill.	P. E.
1222	Rath, George E.	302 Walnut Court, Waterloo, Iowa.	P. E.
1418	Raver, Duane D.	Grinnell, Iowa.	P. E.
49	Rawlings, R. A.	Onawa, Iowa.	P. E.
1196	Rawn, Wm. P.	603 N. 2nd Ave., Washington, Iowa.	P. E. & L. S.
79	Raynor, Ernest G.	Federal Bldg., Pierre, S. D.	P. E. & L. S.
1004	Reed, Carl M.	Rogue River, Ore.	P. E. & L. S.
1437	Reichstein, Amiel A.	302 E. Adams St., Fairfield, Iowa.	P. E.
507	Reid, John F.	1123 West 4th St., Boone, Iowa.	P. E.
1141	Reiff, Paul P.	1202 City Nat. Bank Bldg., Omaha, Neb.	P. E.
363	Reinholdt, P. H.	Electr. Engr. Box 192, Rochester, Minn.	P. E.
1436	Reis, Paul B.	303 51st St., Des Moines, Iowa.	P. E. & L. S.
223	Reynolds, John F.	304 Superior St., Storm Lake, Iowa.	P. E. & L. S.
214	Reynolds, Joseph C.	309 Omaha Grain Exch. Bldg., Omaha, Neb.	P. E.
1378	Rhodes, Benj. F.	Swea City, Iowa.	P. E. & L. S.
1496	Rhomberg, A. A.	495 W. 7th St., Dubuque, Iowa.	P. E. & L. S.
	Rich, George T.	1309 Chestnut St., Atlantic, Iowa.	P. E.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
1223	Richards, Joseph H.	c/o Dist. Engr's Office, Storm Lake, Iowa	P. E.
1454	Richards, Leon K.	400 W. St., Shenandoah, Iowa	P. E.
1017	Richardson, Robert W.	Div. Engr. C. & N. W. Ry. Co., Sioux City, Iowa	P. E. & L. S.
232	Riedesal, Paul W.	P. O. Box 287, Wayzata, Minn.	P. E. & L. S.
889	Riesche, Robert R.	3716 5th Ave., Sioux City, Iowa	P. E.
721	Riley, Thomas E.	County Engr., Maquoketa, Iowa	P. E. & L. S.
1301	Ringland, John	4037 Center St., Des Moines, Iowa	P. E.
1209	Rislow, O. G.	Lake Mills, Iowa	P. E. & L. S.
1450	Robertson, J. W.	824 Duff Ave., Ames, Iowa	P. E.
207	Robertson, Robert E.	1615 S. Delaware Ave., Mason City, Ia	P. E. & L. S.
1489	Roetman, Edmond T.	Albia, Iowa	P. E.
999	Rogers, C. A.	Denison, Iowa	P. E. & L. S.
1313	Rogers, R. R.	Box 422, Harlan, Iowa	P. E.
779	Rohrbough, Elmore M.	3221 Pappleton Ave., Omaha, Neb.	P. E. & L. S.
191	Roiland, Clarence W.	1347 8th St., Des Moines, Iowa	P. E. & L. S.
1297	Rollins, W. B.	359 Railway Exchange Bldg., Kansas City, Mo.	P. E.
731	Roman, Emory G.	621 Town Line Road, Wausau, Wis.	P. E.
744	Romig, Harold M.	10 Lathrop St., Madison, Wis.	P. E. & L. S.
1161	Romine, Wm. H.	1110 Harrison St., Davenport, Iowa	P. E. & L. S.
273	Root, Walter H.	904 Brookridge Ave., Ames, Iowa	P. E. & L. S.
1113	Rounds, Don M.	708 16th St., Des Moines, Iowa	P. E. & L. S.
160	Rounds, Garland L.	720 N. Michigan Ave., Chicago, Ill.	P. E. & L. S.
1396	Rubey, Floyd G.	County Engr. Cherokee, Iowa	P. E.
587	Rude, Lewis M.	2806 Halldale Ave., Los Angeles, Calif.	P. E. & L. S.
1260	Rudisill, Clayton P.	Hampton, Iowa	P. E.
250	Russell, Don B.	312 F. Ave. West, Oskaloosa, Iowa	P. E. & L. S.
1441	Russel, Tom	301 City Hall, Sioux City, Iowa	P. E.
303	Rust, Thomas E.	Chief Engr. W. C. F. & N. Ry., Waterloo, Iowa	P. E. & L. S.
680	Ryan, James A.	402 Old Masonic Temple, Davenport, Iowa	P. E. & L. S.
545	Ryan, John J.	1100 S. Grandview Ave., Dubuque, Iowa	P. E. & L. S.
710	Sani, Herman	3209 Ingersoll Ave., Des Moines, Iowa	P. E. & L. S.
163	Sarvis, Fred W.	Box 183, Kimballton, Iowa	P. E. & L. S.
315	Saun, Philip V.	2639 Ave. D., Council Bluffs, Iowa	P. E. & L. S.
1433	Savage, P. T.	1528 W. 12th St., Des Moines, Iowa	P. E.
1467	Sayre, Charles E.	1247 41st St., Des Moines, Iowa	P. E. & L. S.
881	Sayre, Herbert A.	622 Brookridge Ave., Ames, Iowa	P. E. & L. S.
817	Scanlon, John L.	487 Elliott Square, Buffalo, N. Y.	P. E.
1233	Schackie, Stephen A.	503 Marsh Place Bldg., Waterloo, Iowa	P. E.
296	Scharf, Chas. W.	P. O. Box 362, Jefferson City, Mo.	P. E. & L. S.
30	Scharf, C.	119 S. Wooster, Algona, Iowa	P. E. & L. S.
1128	Schenk, Ernest E.	139 Williston Ave., Waterloo, Iowa	P. E. & L. S.
387	Schlick, Wm. J.	717 7th St., Ames, Iowa	P. E. & L. S.
1472	Schmidt, Fred B.	1149 Julian Ave., Dubuque, Iowa	P. E. & L. S.
1027	Schmidt, G. J.	2031 Wistena St., Baton Rouge, La.	P. E. & L. S.
505	Schmidt, Theo. J.	P. O. Box 3817, Station A., c/o Florida Bridge & Construction Co., Orlando, Florida	P. E. & L. S.
187	Schmidt, Wm.	4541 Shirley St., Omaha, Neb.	P. E. & L. S.
1198	Schmitt, Herbert C.	875 Sherman Blvd., Milwaukee, Wis.	P. E. & L. S.
1224	Schmitt, Hubert	302 E. 7th St., Kansas City, Mo.	P. E.
291	Schneider, Fred C.	118 7th St., Ames, Iowa	P. E. & L. S.
1386	Schneider, Paul A.	Decorah, Iowa	P. E.
299	Schnell, August	915 N. 2nd St., Clinton, Iowa	P. E. & L. S.
1235	Schone, Frank P.	Iowa City, Iowa	P. E. & L. S.
1365	Schoppe, Paul S.	Adel, Iowa	P. E.
579	Schreiber, Raymond A.	1209 43rd St., Des Moines, Iowa	P. E.
1305	Schuetz, A. H.	814 Pioneer Bldg., St. Paul, Minn.	P. E.
1500	Schultz, Harold B.	810 Wilson Ave., Ames, Iowa	P. E.
1380	Schultz, Walter A.	Eldora, Iowa	P. E.
1524	Schumann, Andrew R.	Box 44, Siquemey, Iowa	P. E. & L. S.
599	Schwaderer, Herbert C.	13th St. and 3rd Corso, Nebraska City, Neb.	P. E. & L. S.
472	Schwob, Walter E.	617 Johnson County Bank Bldg., Iowa City, Iowa	P. E.
703	Sears, Veal V.	5823 Cedar St., Omaha, Neb.	P. E. & L. S.
662	Seldel, Earl	Albia, Iowa	P. E. & L. S.
1417	Seliger, Karl L.	Orange City, Iowa	P. E.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
420	Sernstrom, Carl Y.	Denison, Iowa	P. E. & L. S.
1199	Sett, Walter	13834 Michigan Ave., Riverdale, Ill.	P. E. & L. S.
843	Seymour, Jay H.	636 E. Park Ave., Albert Lea, Minn.	P. E. & L. S.
1444	Seymour, Frank L.	City Hall, Red Oak, Iowa	P. E.
480	Shane, Adolph	Iowa State College, Ames, Iowa	P. E.
766	Shaffer, John W.	Court House, Minneapolis, Minn.	P. E. & L. S.
857	Shannon, C. A.	706 First Ave., Nebraska City, Neb.	P. E. & L. S.
1445	Shannon, Fred	303 City Hall, Sioux City, Iowa	P. E.
8	Shelton, W. M.	118 Grand St., Burlington, Iowa	P. E. & L. S.
1162	Sherman, Leroy K.	33 S. Clark St., Chicago, Ill.	P. E.
752	Shirley, Charles W.	324 Home Park Blvd., Waterloo, Iowa	P. E. & L. S.
290	Shive, Philip W.	c/o Ia. Highway Comm., Cedar Rapids, Iowa	P. E. & L. S.
521	Shivers, Berthier H.	3209 School St., Des Moines, Iowa	P. E. & L. S.
59	Shockley, Clyde A.	800 Graphic Arts Bldg., Kansas City, Mo.	P. E.
260	Shoemaker, Guy T.	2537 Fulton Ave., Davenport, Iowa	P. E.
1469	Siefert, W. J.	Iowa State Highway Comm., Creston, Ia	P. E.
1358	Silence, Steiner	Box 522, Guthrie Center, Iowa	P. E.
983	Sime, Sampson E.	864 Saunders Kennedy Bldg., Omaha, Neb.	P. E. & L. S.
173	Simpson, Charles F.	1306 Athletic Club Bldg., Dallas, Tex.	P. E.
70	Simpson, Elmer D.	730 Yale Ave., Chicago, Ill.	P. E. & L. S.
1404	Sinclair, D. M.	2240 19th Ave., San Francisco, Calif.	P. E.
1424	Sindt, Howard T.	Ia. State Highway Comm., Delmar, Iowa	P. E.
928	Singer, Leslie R.	2920 Pierce St., Sioux City, Iowa	P. E.
102	Sjlander, Otto	c/o Highway Comm., Ames, Iowa	P. E. & L. S.
378	Skels, George Y.	2817 Nebraska St., Sioux City, Iowa	P. E. & L. S.
1032	Skidmore, Hugh W.	536 Lake Shore Drive, Chicago, Ill.	P. E.
293	Slippy, Ralph B.	406 Lafayette Bldg., Waterloo, Iowa	P. E. & L. S.
582	Sloan, Wm. M.	744 38th St., Des Moines, Iowa	P. E.
876	Smalley, Clarence E.	706 Jackson St., Charles City, Iowa	P. E. & L. S.
192	Smith, Arthur A.	Ground & Bldg. State University, Iowa City, Iowa	P. E. & L. S.
473	Smith, Barton R.	Tipton, Iowa	P. E. & L. S.
493	Smith, Clarence E.	406 S. Main St., Mt. Pleasant, Iowa	P. E. & L. S.
1330	Smith, Earl B.	M. E. Dept., Iowa State College, Ames, Iowa	P. E.
1327	Smith, Earl W.	Lake City, Iowa	P. E. & L. S.
1353	Smith, Frank R.	Little Sioux, Iowa	P. E. & L. S.
479	Smith, Fred D.	Apartado 561, Tampico, Mexico	P. E. & L. S.
716	Smith, George W.	4201 Davis St., Sioux City, Iowa	P. E. & L. S.
114	Smith, Gordon F.	Olivia, Minn.	P. E.
737	Smith, Horace H.	Route 13, Kirkwood, Mo.	P. E. & L. S.
263	Smith, Howard M.	Washta, Iowa	P. E. & L. S.
1262	Smith, Kenneth J.	Humboldt, Iowa	P. E. & L. S.
864	Smith, Perry P.	1600 Washington Ave., Cedar Rapids, Iowa	P. E. & L. S.
438	Smith, Robert J.	303 Forrest Road, Davenport, Iowa	P. E. & L. S.
141	Smith, Willis J.	210 Pleasant St., Ottumwa, Iowa	P. E. & L. S.
1095	Smyth, Laurence J.	c/o Highway Comm., Marion, Iowa	P. E.
104	Snook, Cassius A.	2025 Tremont Ave., Davenport, Iowa	P. E. & L. S.
221	Snyder, Leroy D.	445 N. 18th St., Ft. Dodge, Iowa	P. E. & L. S.
388	Spangler, Merlyn G.	Humboldt, Iowa	P. E. & L. S.
1359	Spangler, W. B.	1517 Grand Ave., Ames, Iowa	P. E.
1110	Spencer, Earl B.	224 Myrtle St., Creston, Iowa	P. E.
539	Spelman, E. E.	305 Williston Ave., Waterloo, Iowa	P. E. & L. S.
234	Sprout, John F.	City Hall, 14 Bryant St., Council Bluffs, Iowa	P. E. & L. S.
784	Stach, Carl T.	702 Washington St., Iowa City, Iowa	P. E. & L. S.
987	Staly, Wallace E.	412 E. Bloomington St., Iowa City, Iowa	P. E.
389	Standover, Walter E.	815 Walnut St., Webster City, Iowa	P. E. & L. S.
1332	Stanhope, C. T.	4909 Webster St., Omaha, Neb.	P. E. & L. S.
966	Stanton, Wilbur D.	345 Quincy Ave., East Brantree, Mass.	P. E. & L. S.
1284	Starr, Merle B.	Cohocton, New York	P. E. & L. S.
1214	Stebbins, W. L.	LeMars, Iowa	P. E.
560	Stedman, Harry E.	53 W. Jackson Blvd., Chicago, Ill.	P. E. & L. S.
1300	Steigman, W. R.	2223 1st St., Des Moines, Iowa	P. E.
366	Steigwalt, G. P.	R. F. D. No. 7, Grand Rapids, Mich.	P. E. & L. S.
344	Steigwalt, Sam	33 W. Grand Ave., Chicago, Ill.	P. E.
		Nevada, Iowa	P. E.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
1163	Steigleder, C. J.	18951 Monica Ave., Detroit, Mich.	P. E. & L. S.
336	Steiner, Wm. H.	1001 Hubbell Bldg., Des Moines, Iowa.	P. E. & L. S.
910	Stephenson, Edwin J.	2106 Highland Ave., Davenport, Iowa.	P. E. & L. S.
689	Stephenson, Jess L.	2200 Manatee Ave., Hazel Park Station, Detroit, Mich.	P. E. & L. S.
451	Stephenson, Laurence B.	321 Carver Bldg., Ft. Dodge, Iowa.	P. E. & L. S.
850	Sterling, Jos. R.	902 H. St., San Bernardino, Calif.	P. E. & L. S.
1065	Stern, Isaac F.	1765 First Nat. Bank Bldg., 38 Dearborn St., Chicago, Ill.	P. E.
926	Sterrett, Harold R.	c/o New Haven Gas Light Co., 80 Crown St., New Haven, Conn.	P. E.
341	Stevens, C. H.	936 N. Rensselaire Ave., Mason City, Iowa.	P. E. & L. S.
1384	Stevens, George M.	c/o A. A. Lyon, Resident Engr., Tama, Ia.	P. E.
1038	Stevens, Harold L.	30 N. Michigan Blvd., Chicago, Ill.	P. E.
1037	Stevenson, James C.	30 N. Michigan Blvd., Chicago, Ill.	P. E.
1365	Stewart, Carl A.	3927 Waveland Drive, Des Moines, Iowa.	P. E. & L. S.
1401	Stewart, E. M.	Carroll, Iowa.	P. E.
321	Stewart, Fred J.	c/o Chiriqui Land Co., of United Fruit Co., Panama City, Rep. of Panama.	P. E. & L. S.
494	Stewart, Geo. H.	Box 293, Guttenberg, Iowa.	P. E. & L. S.
1376	Stewart, Lowell O.	804 10th St., Ames, Iowa.	P. E. & L. S.
553	Still, John	138 First Ave., N. W. Oelwein, Iowa.	P. E.
1393	Stoddard, Alexis E.	427 Ash St., Ames, Iowa.	P. E.
847	Stoddard, E. K.	c/o Iowa Machinery & Supply Co., 317 Court Ave., Des Moines, Iowa.	P. E.
696	Stoddard, Ira J.	1107 Washington St., Pella, Iowa.	P. E. & L. S.
633	Stoddard, Frank P.	138 S. Central Ave., Burlington, Iowa.	P. E.
1306	Stokes, Ernest	c/o Highway Comm., Ames, Iowa.	P. E.
393	Stoughton, Galen M.	1526 S. W. Temple, Salt Lake City, Utah.	P. E. & L. S.
309	Straight, Halver R.	Adel, Iowa.	P. E.
930	Strain, Roy W.	Prairie City, Iowa.	P. E. & L. S.
14	Streeter, Clark H.	Cedar Falls, Iowa.	P. E. & L. S.
947	Struthman, Theo. L. B.	231 Waldorf St., Pittsburgh, Pa.	P. E.
93	Struckman, Edwin	c/o Lone Star Cement Co., 1608 Federal Reserve Bank Bldg., Kansas City, Mo.	P. E.
485	Stuart, E. Grant	Colfax, California.	P. E. & L. S.
657	Stuart, Thomas E.	3309 Ave. "B", Council Bluffs, Iowa.	P. E.
592	Swanson, Fred R.	c/o Philadelphia Elec. Co., Norristown, Pa.	P. E.
1383	Sweeney, Hubert L.	c/o Iowa Highway Comm., Council Bluffs, Iowa.	P. E.
670	Sweeney, John E.	c/o Westinghouse Elec. Supply Co., Inc., 113-125 N. May St., Chicago, Ill.	P. E.
1363	Sykes, John	North Liberty, Iowa.	P. E.
277	Taggart, Isaac H.	215 W. Clark St., Clarinda, Iowa.	P. E. & L. S.
1470	Taylor, Grady	1111 Harding, Ames, Iowa.	P. E.
1041	Taylor, John O.	524 Wenonah Ave., Oak Park, Ill.	P. E.
1211	Taylor, Leslie B.	712 Congress Bldg., Miami, Florida.	P. E.
812	Teal, Don L.	Box 24, Ottumwa, Iowa.	P. E. & L. S.
361	Teal, Thomas T.	Northwood, Iowa.	P. E. & L. S.
1428	Temple, Ernest C.	Reserve Engr. Highway Comm., Audubon, Iowa.	P. E.
1203	Templeton, Henry F.	Monticello, Iowa.	P. E.
1381	Thillen, Fred B.	503 Marsh Place Bldg., Waterloo, Iowa.	P. E.
658	Thinn, Christian A.	450 E. Ohio St., Chicago, Ill.	P. E.
395	Thomas, D. L.	406 W. Ashland Ave., Indianapolis, Iowa.	P. E. & L. S.
1096	Thomas, Oren R.	1531 46th St., Des Moines, Iowa.	P. E.
1242	Thomas, Ralph D.	1200 2nd Ave. S., Minneapolis, Minn.	P. E.
1295	Thompson, O. C.	County Engr. Black Hawk County, Waterloo, Iowa.	P. E. & L. S.
184	Thompson, Vail E.	Wapello, Iowa.	P. E. & L. S.
405	Thomson, Harry W.	Illinois Div. of Highways, Dixon, Ill.	P. E. & L. S.
1406	Thorn, W. W.	Spirit Lake, Iowa.	P. E.
158	Thorne, Jent G.	Maquoketa, Iowa.	P. E. & L. S.
209	Thornon, Alonzo L.	Pocahontas, Iowa.	P. E. & L. S.
709	Thorpe, George E.	2340 6th Ave., Des Moines, Iowa.	P. E.
402	Thorpe, Thomas W.	2340 6th Ave., Des Moines, Iowa.	P. E. & L. S.
832	Thul, Frank M.	2655 Middle Road, Davenport, Iowa.	P. E. & L. S.
771	Thul, Harold L.	2804 Brattleboro Ave., Des Moines, Iowa.	P. E. & L. S.
469	Tippee, John M.	City Engr. City Hall, Des Moines, Iowa.	P. E. & L. S.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
1523	Teenjes, David B.	817 Kingsley Ave., Waterloo, Iowa.	P. E.
48	Tourtellot, Edw. B.	c/o Wisconsin Highway Comm., Madison, Wis.	P. E. & L. S.
1114	Towl, Roy N.	Room 400, City Hall, Omaha, Neb.	P. E. & L. S.
1408	Towne, W. Waldo	State Board of Health, Waubay, S. D.	P. E.
788	Toyne, Guy C.	Northwood, Iowa.	P. E. & L. S.
144	Toyne, Warren D.	109 E. Lincoln St., Clarinda, Iowa.	P. E. & L. S.
65	Treichler, Wallace	601 Kahl Bldg., Davenport, Iowa.	P. E. & L. S.
142	Trick, Deane W.	14 Glenview Drive, Des Moines, Iowa.	P. E. & L. S.
925	Trost, Frederic W.	Chariton, Iowa.	P. E. & L. S.
116	Troup, James	1726 W. 3rd St., Waterloo, Iowa.	P. E.
385	Truitt, Roland S.	c/o Mueller Lbr. Co., 501 W. 2nd St., Davenport, Iowa.	P. E. & L. S.
1098	Trumbull, Morrison B.	c/o Iowa Steel & Iron Works, Cedar Rapids, Iowa.	P. E.
677	Tschirgi, Mathew	1514-2nd Ave., Cedar Rapids, Iowa.	P. E. & L. S.
572	Tumy, Robert H.	326 N. 4th St., Oskaloosa, Iowa.	P. E. & L. S.
149	Tunicliff, John C.	1225 W. 2nd St., Davenport, Iowa.	P. E. & L. S.
10	Tunicliff, N. H.	802 Putnam Bldg., Davenport, Iowa.	P. E. & L. S.
827	Turnbull, John H.	3528 Ridge Ave., Sioux City, Iowa.	P. E. & L. S.
873	Turner, J. W.	2939 Cottage Grove Ave., Des Moines, Ia.	P. E. & L. S.
1097	Turpin, U. F.	c/o Consoer, Older & Quinlan, 205 W. Wacker Drive, Chicago, Ill.	P. E.
1461	Tyler, Merle C.	Logan, Iowa.	P. E.
56	Urick, Ronald H.	749-32nd St., Des Moines, Iowa.	P. E. & L. S.
1317	Vanderlinden, Marinus	113 Mistletow St., Ottumwa, Iowa.	P. E.
1442	Vanderwieken, C. T.	301 City Hall, Sioux City, Iowa.	P. E.
1303	Van Fleet, Geo. L.	Madison St., Galena, Ill.	P. E.
984	Van Hynning, G. R., Jr.	3414 Kingman Blvd., Des Moines, Iowa.	P. E. & L. S.
475	Van Liew, John E.	621-44th St., Des Moines, Iowa.	P. E. & L. S.
166	Van Sise, Andrew J.	509-7th St. S. E., Box 483, Mason City, Iowa.	P. E. & L. S.
879	Varley, Mason A.	1406-8th Ave., N., Ft. Dodge, Iowa.	P. E. & L. S.
862	Veatch, Nathan T., Jr.	701 Mutual Bldg., Kansas City, Mo.	P. E. & L. S.
1336	Veranth, Joseph	7 West Sheridan St., Ely, Minn.	P. E.
1285	Vernon, Maris H.	c/o Y. M. C. A., Aurora, Ill.	P. E. & L. S.
667	Vollmer, Harry A.	2114 Summer St., Burlington, Iowa.	P. E. & L. S.
779	Vollmer, Henry G.	2130 Summer St., Burlington, Iowa.	P. E. & L. S.
1337	Walker, Harry A.	4157 Byron St., Chicago, Ill.	P. E. & L. S.
1294	Wallen, Allen	City Engr., Iowa City, Iowa.	P. E. & L. S.
594	Wallis, Leonard J.	627-8th St., Ames, Iowa.	P. E. & L. S.
708	Walter, L. D.	Postville, Iowa.	P. E.
1366	Ward, Elmer M.	722 Armory Ave., Chariton, Iowa.	P. E. & L. S.
182	Wardle, Joseph D.	1520-2nd Ave., Cedar Rapids, Iowa.	P. E.
655	Ware, Oliver F.	R. F. D. No. 1, Ft. Madison, Iowa.	P. E. & L. S.
19	Warriner, Thomas R.	316 The Crossways, Cedar Rapids, Iowa.	P. E. & L. S.
965	Waterhouse, Chas. E.	1701 S. 12th St., Burlington, Iowa.	P. E. & L. S.
1237	Waterman, Earle L.	104 Engineering Bldg., Iowa City, Iowa.	P. E. & L. S.
731	Watkins, Jos. C.	113 1/2 Iowa Ave., Iowa City, Iowa.	P. E. & L. S.
1302	Watts, Cleat T.	5936 So. Cicero St., Chicago, Ill.	P. E. & L. S.
1333	Wearmouth, W. J.	Denison, Iowa.	P. E. & L. S.
834	Webster, Edwin R.	Box 194, Elizabeth, N. J.	P. E. & L. S.
818	Weir, Samuel R.	Shenandoah, Iowa.	P. E.
912	Weiden, Ernest	Iowa Falls, Iowa.	P. E. & L. S.
99	Weller, Curtis D.	10816 Winner Road, Independence, Mo.	P. E. & L. S.
829	Wendt, Wm. C. R.	170 W. 13th St., Hialeah, Fla.	P. E. & L. S.
501	Wesley, Chas. S.	1616 W. 5th St., Sioux City, Iowa.	P. E. & L. S.
649	Westerlund, Knut E.	3116 McDonald Ave., Sioux City, Iowa.	P. E. & L. S.
723	Whalen, James F.	305 S. Boone St., Anamosa, Iowa.	P. E. & L. S.
243	White, Clavin J.	604 Washington St., Marshalltown, Iowa.	P. E. & L. S.
179	White, Fred R.	702 Clarke Ave., Ames, Iowa.	P. E. & L. S.
76	White, Warren G.	P. O. Box J, Montgomery, Ala.	P. E. & L. S.
380	Whitney, Frank S.	Bris, Iowa.	P. E.
1165	Whittemore, Osgood J.	Sheffield, Iowa.	P. E. & L. S.
283	Wick, Wallace S.	1st St. and A Ave., Oskaloosa, Iowa.	P. E. & L. S.
156	Wicks, Gordon F.	1441 Bluff St., Des Moines, Iowa.	P. E. & L. S.
36	Wickham, John Q.	Eau Gallis, Florida.	P. E. & L. S.
89	Wicks, Granville B.	1538 W. 4th St., Des Moines, Iowa.	P. E. & L. S.
1286	Wiersma, John W.	Grundy Center, Iowa.	P. E.
1344	Wieters, A. H.	State Dept. of Health, Des Moines, Iowa.	P. E.

ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
1375	Wilch, Gabriel B.	Box 161, Waukon, Iowa.	P. E.
1206	Wilcox, George	111 Lincolnway, Ames, Iowa.	P. E. & L. S.
1460	Wilkes, Edmund Jr.	600 Mutual Bldg., Kansas City, Mo.	P. E.
682	Williams, Cyrus T.	2107 Glass Ave., Sioux City, Iowa.	P. E.
1343	Williams, Clement C.	723 Bayard, Iowa City, Iowa.	P. E. & L. S.
101	Williams, Howard S.	206 W. 8th St., Atlantic, Iowa.	P. E.
244	Williams, Leon G.	c/o Pearce, Greeley & Hanson, 6 North Michigan Ave., Rm. 1709, Chicago, Ill.	P. E. & L. S.
483	Wilson, Ben H.	112 Mississippi Ave., Joliet, Ill.	P. E. & L. S.
687	Wilson, Chas. T.	324 Johnson St., Waterloo, Iowa.	P. E. & L. S.
943	Wilson, Louis A.	406 Moloney Bldg., Ottawa, Ill.	P. E. & L. S.
1482	Wilson, Wayne	214 E. Franklin, Pella, Iowa.	P. E.
685	Wilson, Wm. E.	c/o American Tile Engr. Co., 19 West State St., Mason City, Iowa.	P. E.
871	Wilson, Wm. LeRoy	114 W. 11th St., Des Moines, Iowa.	P. E. & L. S.
242	Winfrey, Paul	1721 E. 13th St., Des Moines, Iowa.	P. E. & L. S.
1485	Winfrey, Robley	535 Forest Glen, Ames, Iowa.	P. E.
1425	Winkel, Edward	Sibley, Iowa	P. E.
1398	Winter, Leon A.	503 Insurance Exch. Bldg., Sioux City, Ia.	P. E.
625	Winters, J. P.	823 N. 5th St., Burlington, Iowa.	P. E. & L. S.
230	Withington, A. H.	Centerville, Iowa	P. E. & L. S.
1166	Witters, George S.	104 Grove, Iowa	P. E. & L. S.
1264	Wolff, Louis F.	903 Globe Bldg., St. Paul, Minn.	P. E.
35	Wood, Chas. R., Jr.	612 N. 3rd St., Clear Lake, Iowa.	P. E. & L. S.
557	Wood, Garrett W.	Sedan, Iowa	P. E. & L. S.
1167	Wood, Harry	Route No. 4, Sac City, Iowa.	P. E. & L. S.
1481	Wood, Harry Otis	1603-3rd Ave. North, Fort Dodge, Iowa.	P. E.
1370	Wood, K. M.	Redfield, Iowa	P. E. & L. S.
1271	Wood, L. W.	State Highway Comm., Ames, Iowa.	P. E.
449	Woodburn, Chester C.	310 Old Colony Bldg., Des Moines, Iowa.	P. E.
346	Woodward, Sherman M.	Iowa City, Iowa	P. E.
805	Woolley, Brancy C.	LeMars, Iowa	P. E. & L. S.
585	Woolston, Frank	116 N. Jefferson Ave., Denison, Iowa.	P. E. & L. S.
1376	Wressell, Edmund F.	24 Elizabeth St., Hammond, Ind.	P. E.
1003	Wygant, R. L.	Crete, Neb.	P. E. & L. S.
120	Yager, Walter D.	Calmar, Iowa	P. E. & L. S.
1105	Yarnell, David L.	207 Engineering Hall, Iowa City, Iowa.	P. E. & L. S.
435	Yeager, W. D.	1520-2nd Ave., Cedar Rapids, Iowa.	P. E. & L. S.
131	Yetter, Floyd S.	Anamosa, Iowa	P. E. & L. S.
13	Young, Chas. H.	211 Iowa Ave., Muscatine, Iowa.	P. E. & L. S.
95	Young, Frank E.	City Hall, Cedar Rapids, Iowa.	P. E. & L. S.
1508	Young, Kenneth	Shenandoah, Iowa	P. E.
1164	Young, Roy M.	Iowa State Highway Comm., Ames, Iowa	P. E. & L. S.
977	Younglove, Clyde C.	201 Warnock Bldg., Sioux City, Iowa.	P. E.
183	Zacharia, Josef	3521 Iola Ave., Des Moines, Iowa.	P. E. & L. S.
343	Zack, Edgar G.	Sheffield, Ill.	P. E. & L. S.
66	Zack, Erich A.	Dist. Engr's Office, Chariton, Iowa.	P. E. & L. S.
552	Zack, Othmar W.	Eldora, Iowa	P. E. & L. S.
73	Zack, Raymond R.	Box 112, Bloomfield, Iowa.	P. E. & L. S.
1476	Zieka, George F.	Frederick Apts., Des Moines, Iowa.	P. E.
1409	Zeiner, Moritz B.	520 Chester Ave., Ottumwa, Iowa.	P. E.
503	Zika, George A.		P. E.
1258	Zippodt, Roy R.	Regional Structural Engr., Portland Cement Assn., 347 Madison Ave., New York City	P. E.
1321	Zimmerling, Raymond O.	Tipton, Iowa	P. E. & L. S.
1207	Zorn, Chas. B.	Iowa State Highway Comm., Resident Engineer, Cherokee, Iowa	P. E.

REVOKED FOR FAILURE TO MAKE ANNUAL REPORT

Certificate Number	Name	Branch of Engineering	Certificate Number	Name	Branch of Engineering
578	Aardappel, Walter	P. E. & L. S.	550	Downie, Myron E.	P. E. & L. S.
958	Adams, Henry C.	P. E.	98	Drug, John T.	P. E. & L. S.
512	Akitt, Norman B.	P. E.	235	Erickson, David L.	P. E. & L. S.
1245	Aibrigh, E. Henry	P. E. & L. S.	1304	Eugene, Ernest K.	P. E. & L. S.
314	Anderson, Arthur G.	P. E. & L. S.	1250	Everds, Wm. H.	P. E.
732	Anderson, Clifford W.	P. E.	1151	Everett, Marshall Clark	P. E.
1007	Anderson, Dwight P.	P. E. & L. S.	507	Evinger, Morris L.	P. E.
1119	Anthony, Harvey M.	P. E.	437	Fahey, Geo. E.	P. E. & L. S.
1052	Arnold, Ralph	P. E.	311	Fahey, John F.	P. E. & L. S.
1267	Baldwin, Clarence W.	P. E.	1107	Falade, I. H.	P. E.
492	Bannon, Michael E.	P. E.	1078	Farlow, Samuel J.	P. E.
1048	Barbour, Percy E.	P. E. & L. S.	985	Ferguson, Lewis L.	P. E. & L. S.
280	Barrett, Archibald C.	P. E. & L. S.	124	Ferrell, Raymond W.	P. E. & L. S.
1008	Barrett, Guy B.	P. E. & L. S.	33	Fessenden, Ralph S.	P. E. & L. S.
712	Bartholomew, H. C.	P. E.	256	Finley, David M.	P. E. & L. S.
1075	Bartlett, John F.	P. E. & L. S.	514	Fish, Fred Alan	P. E.
892	Beach, Wilfred W.	P. E.	586	Fleming, John H.	P. E.
1067	Beckman, A. G.	P. E. & L. S.	659	Foster, Geo. S.	P. E. & L. S.
285	Beckman, Henry C.	P. E. & L. S.	1324	Foster, Glenn A.	P. E.
575	Bernick, Fritz, Jr.	P. E.	956	Franks, Clifford D.	P. E. & L. S.
213	Bickelhaupt, Wm. V.	P. E. & L. S.	621	Freshour, Fred W.	P. E.
769	Bickley, George E.	P. E.	226	Freshour, Ralph J.	P. E. & L. S.
340	Blair, James R.	P. E. & L. S.	764	Frudden, Conrad E.	P. E.
1171	Bockemuhl, C. L. A.	P. E.	1053	Gable, Henry Chas.	P. E. & L. S.
944	Bodwell, D. C.	P. E.	1203	Gardner, Horace C.	P. E.
886	Bogart, Albert L.	P. E. & L. S.	1009	Gates, Levi S.	P. E. & L. S.
128	Bolster, Roy Hale	P. E. & L. S.	714	Gilmore, David Pryde	P. E. & L. S.
1012	Bonebrake, J. W.	P. E. & L. S.	584	Goodrich, Floyd	P. E. & L. S.
794	Bonham, Paul	P. E. & L. S.	1232	Gordon, Ernest B.	P. E.
118	Borman, Arthur P.	P. E. & L. S.	845	Hague, Alfred G.	P. E. & L. S.
50	Boyle, Frank L.	P. E. & L. S.	927	Haines, Jansen	P. E.
671	Boynton, George H.	P. E. & L. S.	1287	Isanapel, A. H.	P. E. & L. S.
870	Brady, Clifton J.	P. E.	1247	Hazlett, John C.	P. E. & L. S.
804	Brandt, J. Wesley	P. E. & L. S.	998	Heman, Fred	P. E. & L. S.
390	Breeden, Cyrus F.	P. E. & L. S.	540	Hermann, Will C.	P. E. & L. S.
295	Brevik, Berry E.	P. E. & L. S.	1251	Hertwig, Fred A.	P. E. & L. S.
1088	Briggs, Robin P.	P. E. & L. S.	1310	Hertz, A. L.	P. E.
762	Brownell, Otto E.	P. E.	1183	Hewes, John W.	P. E. & L. S.
746	Buettler, Wm.	P. E.	1131	Hilborn, Wm. Harrison	P. E.
1275	Carey, Edward T.	P. E.	249	Hitchcock, Walter A.	P. E. & L. S.
840	Carr, Elza B.	P. E.	501	Hoar, Friend R.	P. E. & L. S.
954	Carr, Hugh M.	P. E. & L. S.	1234	Hoff, Carl R.	P. E.
1147	Carrithers, Harold D.	P. E.	782	Hoffman, Chester L.	P. E. & L. S.
1270	Carter, Harold S.	P. E. & L. S.	413	Holbrook, Perry S.	P. E. & L. S.
407	Cavender, Fred	P. E.	900	Holden, Wm.	P. E.
825	Chamberlain, M. C.	P. E. & L. S.	905	Holloway, Gilbert N.	P. E.
400	Clark, Harry M.	P. E. & L. S.	1055	Holtzman, W. D., Jr.	P. E.
1847	Clement, Henry C.	P. E. & L. S.	41	Hopkins, Arthur E.	P. E. & L. S.
588	Clemmer, Harold F.	P. E. & L. S.	1217	Horner, Harold E.	P. E.
890	Cline, Burnell T.	P. E.	907	Hovey, Glenn G.	P. E.
775	Cockburn, Harold W.	P. E. & L. S.	1414	Huckins, J. G.	P. E.
648	Colby, Paul W.	P. E.	1218	Hufford, Ray Lewis	P. E. & L. S.
849	Collins, John	P. E.	1129	Hull, George Elliott	P. E.
312	Conrad, Harold N.	P. E.	1072	Hutchison, Claron B.	P. E.
1103	Cordiner, Robt. Park	P. E. & L. S.	634	Ide, Wilson T.	P. E.
1102	Cottingham, W. L.	P. E. & L. S.	713	Ingaik, F. D. B.	P. E.
85	Cox, Ralph L.	P. E. & L. S.	1263	Jackson, Earl D.	P. E.
490	Cunningham, A. O.	P. E. & L. S.	638	Jacobson, Ernest	P. E.
924	Currey, F. Brooks	P. E. & L. S.	799	Kantor, Edward	P. E. & L. S.
159	Currie, Frank S.	P. E. & L. S.	74	Keerl, Harry D.	P. E. & L. S.
772	Cutler, Simon Oley	P. E. & L. S.	462	Kelley, Earl Foster	P. E. & L. S.
749	Daniel, Wilmer H.	P. E.	1219	Kahn, Abol F.	P. E.
1176	Danielson, Wm. M.	P. E.	618	Kinnaird, Robert N.	P. E. & L. S.
1040	Davis, Wm. C.	P. E.	527	Kivell, Wayne A.	P. E. & L. S.
878	Denn, James W. M.	P. E. & L. S.	1483	Kirkham, J. E.	P. E.
636	Diehl, E. R.	P. E. & L. S.	905	Kneale, M. T.	P. E. & L. S.
899	Diserens, Frederic L.	P. E. & L. S.	763	Knutz, Kuzma M.	P. E. & L. S.
609	Dohm, Joseph M.	P. E. & L. S.	1279	Knutson, Gerard	P. E.
893	Donner, Wm. E.	P. E.	1014	Kraft, John H.	P. E. & L. S.
			1220	Krull, Leonard G.	P. E.

DECEASED—(Continued)

- No. 839 Parquette, J. C.
 No. 855 Parsons, Samuel N.
 No. 119 Perkins, Edmund T.
 No. 1123 Prince, Geo. Thomas
 No. 16 Raymond, Wm. G.
 No. 186 Reynolds, Chas. H.
 No. 675 Rigby, Walter E.
 No. 678 Selden, James H.
 No. 610 Spelman, James H. R.
 No. 642 Stimson, Edgar F.
 No. 1019 Stout, C. H.
 No. 996 Tait, William S.
 No. 1256 Trease, Harold Wm.
 No. 1132 Sinclair, Edwin Louis
 No. 990 Ullery, Oscar E.
 No. 432 Wilson, Fred P.
 No. 1257 Wood, Robert G.
 No. 593 Young, Frederick C.
 No. 488 Walker, Boyd F.

State of Iowa
 1930

Report of the Board of Curators

OF THE

STATE HISTORICAL SOCIETY

OF IOWA

For the Biennial Period Ending June 30, 1930

Published by
 THE STATE OF IOWA
 Des Moines